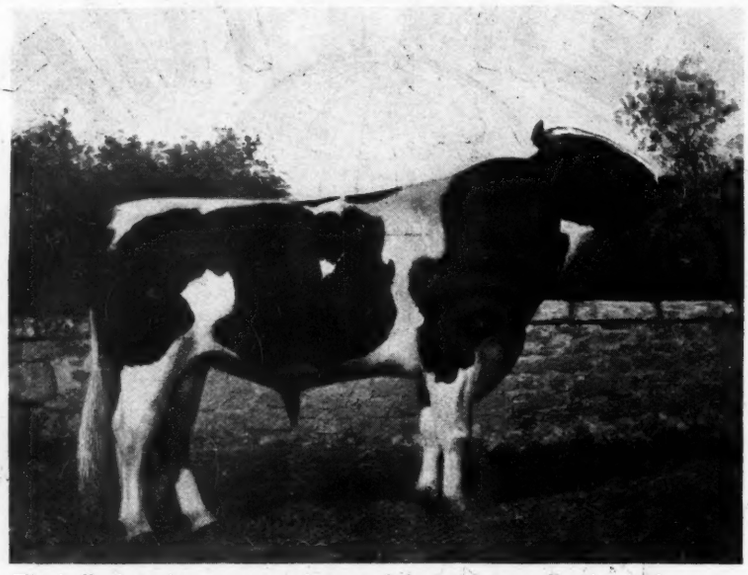
HOLSTEIN-FRIESIAN WORLD

EASTERN EDITION

VOL. XI. LACONA, N. Y., NOVEMBER 21, 1914 NO. 24

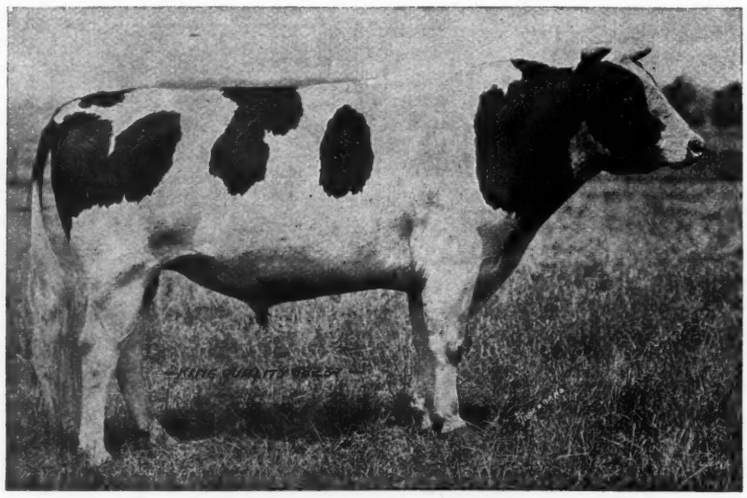
"Holstein-Friesians and Prosperity are Inseparable."

KING OF THE BLACK AND WHITES



The bull whose dam, two grandams and four great-grandams' records average 31.04 lbs. and four of the seven have produced 30-lb. daughters that have also produced 30-lb. daughters.
Where can you beat that?
One of his sons left and that is from the great cow Mary Walker Pietertje, record 31.81 lbs. butter for 7 days and 130.37 lbs. for 30 days.

A. A. Hartshorn Holstein Company, Hamilton, N. Y.



THIS SHOWS KING QUALITY AS A 3-YR-OLD

Place a son of King Quality at the head of your herd and you will secure the greatest transmitting blood of the breed.

Write for charts and prices of bull calves, also a few sires ready for service.

We can take a few more cows to breed to King at $100 each.

BONALEVO FARMS

R. E. CHAPIN & SON **BOX C** **BATAVIA, N. Y.**

A FEW FACTS
FROM THE PEDIGREE OF
KEARSARGE PONTIAC BUTTER BOY

A real Holstein bull, backed by the greatest milk and butter producing ancestry, combined with individuality and transmitting power. The milk records of his dam and sire's dam place him in a class by himself among the Eastern sires. When to these records are added those of two sisters of his sire, he stands without a peer in the whole dairy world. But in addition this wonderful milk yield is combined with extra good butter production, as shown by the averages given below.

1—The records of his dam and sire's dam average:

Milk 7 days .....774.20 Milk 1 day 116.55
Milk 30 days .....3050.40 Butter 7 days 30.42

2—The records of his two nearest dams and two sisters of his sire average:

Milk 7 days .....754.75 Milk 1 day 113.00
Milk 30 days .....3072.15 Butter 7 days 30.12

This showing is approached by no other sire that ever lived.

His sire
DE KOL CREAMELLE PONTIAC BUTTER BOY
No. 48498.
10 A. R. O. daughters—
Pietertje Hengerveld Creamelle .....3½ y 28.69
Milk 503.90
Kearsarge Pontiac Creamelle De Kol .....4 y 23.92
Milk 571.70
Grace De Kol Pontiac Creamelle .....2½ y 21.40
Milk 500.70
Kearsarge Johanna Pontiac Girl .....3 y 19.96
Milk 402.20
Agricola Pontiac Veeman .....2 y 17.68
Milk 399.20
Butter 30 days 73.42
Milk 1849.30
Belle Pontiac Lincoln .....2 y 17.37
Milk 412.60
Kearsarge Lady Wayne Pontiac .....3½ y 17.36
Milk 495.80
Kearsarge Pontiac Beets De Kol .....2 y 16.20
Milk 374.50

One of the coming sires. He has a wonderful lot of young daughters that are bound to add lustre to his name as they mature.

He is the only sire of the breed having two sisters with yearly milk records averaging over 29,000 lb.

His dam and her daughter hold all World's Milk records for mother and daughter from one day to one year.

His dam
WACHUSETT CATRINA
No. 80461

MILK

7 days 7 yr 768.00
30 days 2900.50
1 day 113.50
7 days 8 yr 602.90
7 days 6 yr 615.40
7 days 5 yr 605.80
30 days 2419.80
7 days 2 yr 459.00
30 days 1867.90

Her four mature milk records average 648 lb. No other cow ever made four seven-day milk records above 600 lb in four different lactation periods.

BUTTER

7 days 8 yr 32.73
7 days 7 yr 28.84
30 days 116.96
7 days 6 yr 24.76
7 days 5 yr 25.28
30 days 93.20
7 days 2 yr 17.80
30 days 71.38

She has one 24-lb junior 2-yr-old daughter.

PONTIAC BUTTER BOY
No. 23154.
58 A. R. O. daughters—
Crown Pontiac Josey 32.21
365 days 1227.79
Milk 28752.30
Ready Change 31.16
Milk 720.40
Belle of Traverse 30.12
Cadilac Queen 2d .....2 y 27.35
Dutchland Pietertje Beets De Kol 27.34
April Denver 26.62
Laundry Girl 25.70
Cadilac Maid 25.12
20 others with records of 20 to 24 lb.
10 A. R. O. sons
39 producing daughters

The only sire having a daughter that has produced 28,000 lb milk and 1200 lb butter in a year.

DE KOL CREAMELLE
No. 59158.
Milk 7 days 780.40
Butter 28.13
Milk 30 days 3200.30
Butter 106.14
Milk 100 days 10017.00
Butter 355.00
Milk 1 day 119.60
Milk 1 year 26280.00

The above milk records were all world's records when made.)

5 A. R. O. daughters
Creamelle Vale 28.48
Milk 7 days 750.20
Butter 1 year 1155.85
Milk 1 year 29591.40
(World's Milk Record.)
One A. R. O. son.
One World's record granddaughter.

CREAMELLE DE KOL BUTTER BOY
No. 29925.
9 A. R. O. daughters—
Wachusett May .....4 y 33.96
Milk 621.60
Butter 30 days 134.03
Milk 2688.10
Butter 60 days 257.64
Milk 5236.20
(World's 60-day record for her class.)
Wachusett Catrina .....8 y 32.73
Milk 768.00
Butter 7 years 28.84
30 days 116.96
Milk 2900.50
Wachusett Tidy 23.26
5 A. R. O. sons

CATRINA PIETERTJE BEETS DE KOL
No. 54684.
Butter at 3½ y 19.39
Milk 365.50
Average fat 4.24
5 A. R. O. daughters—
Wachusett Catrina 32.73
Milk 768.00
Dutchland Pietertje Beets De Kol 27.34
Milk 546.70
Colantha Pietertje Beets De Kol .....33 m 18.93
Milk 441.80
One A. R. O. son.
Two producing daughters.

A three-fourths sister to the former World's Champion 4-yr-old, Aaggie Lily Pietertje Paul (29.36 lb.)

DE KOL 2d's BUTTER BOY
No. 21366.
12 A. R. O. daughters, three above 20 lb.
20 A. R. O. sons, including Hengerveld De Kol,, Pietertje Hengerveld's Count De Kol, De Kol Burke and Pontiac Butter Boy
Twenty-three 30-lb. granddaughters.

The only sire having two 28,000 lb granddaughters.

RAG APPLE'S CLOTHILDE ARTIS
No. 34741.
Milk at 2 years 291.00
Butter 12.53
3 A. R. O. daughters with records of 20, 22 and 23 lb.
One A. R. O. son.
Grandam of:
Seven 30-lb cows.
Three 1000 lb cows.
Two 1200 lb cows.

PIETERTJE HENGERVELD'S COUNT DE KOL
No. 23224.
99 A. R. O. daughters—
Blanche Lyons De Kol 33.31
Blanche De Kol Hengerveld 33.20
Frenesta Hengerveld De Kol 32.20
44 others with records of 20 to 30.54 lb.
49 A. R. O. sons
48 producing daughters

Grandsire of the World's Champion yearly milk producer.

CREAMELLE 2d's TOPSY ANN
No. 35164.
Milk at 3½ y 412.10
Butter 13.31
4 A. R. O. daughters—
De Kol Creamelle 23.13
Milk 780.40
Creamelle Topsy 23.74
Lady Creamelle De Kol .....4½ y 20.34
4 producing daughters

DE KOL 2d's BUTTER BOY 3d
No. 23260.
116 A. R. O. daughters—
Edith De Kol Burke Hengerveld ..31.16
Duchess Piebe De Kol 29.40
54 others with records of 20 to 28.68 lb.
4 with yearly records above 800 lb.
three being 2-yr-olds.
83 A. R. O. sons
Six 1000-lb granddaughters.
Twenty 30-lb granddaughters.

LADY CREAMELLE DE KOL
No. 47439.
At 4 yr 7 mo 6 days—
Milk 578.20
Butter 20.34
Dam of—
Poupet .....4½ y 23.15
Milk 575.90
One A. R. O. son.
Sister to De Kol Creamelle.

PAUL BEETS DE KOL
No. 22235.
105 A. R. O. daughters—
Segis Aaggie De Kol Beets 32.06
Paul Beets De Kol Girl .....4½ y 30.27
Semi-official—
Buffalo Aaggie Beets .....3 y 932.40
Aaggie Tehee De Kol 905.97
45 A. R. O. sons
86 producing daughters
Six 30-lb granddaughters.

CATRINA 7th's PIETERTJE
No. 28203.
Milk 448.30
Butter 18.06
Dam of—
Catrina Pietertje Beets De Kol 3½ y 19.39
Sister to Segis Inka (28.04 lb) who is one of the best transmitting cows of the breed. A granddaughter of Milla's Pietertje Netherland.

Look over the statements we have been making in this space for the past few months, and then verify them by this pedigree, or if you wish, we shall be glad to send you a 5-generation chart which goes into greater detail. The service fee for approved cows is $100 to insure.

HASTINGS & PRESCOTT, LACONA, N. Y.

King Pontiac Alcartra Johanna

A son of the **$50,000** bull, King Segis Pontiac Alcartra, from the wonderful 34-lb. cow, Manor Johanna Pietertje Lady, who comes of 40-lb. breeding on both sides and is backed for generations by A. R. O. record ancestry. The records of his dam and the three nearest dams of his sire average, **butter 7 days—33.43.**

If you want to share in the most popular breeding of today breed a few cows to King Pontiac Alcartra Johanna.

Service fee to insure approved cows only $100.00 Send for pedigree.

D. D. DECKER & SON

Picnic Grove Dairy **South Dayton, N. Y.**

——————a proposition for you

WE have a 2-yr.-old bull, a splendid individual, out of an untested dam of very superior dairy quality. The sire is a son of **King of the Pontiacs** out of a 26-lb. daughter of Hengerveld De Kol. We need the stall this bull occupies, and will sell him for a price too low to print here, or will trade him for a good straight unbred yearling heifer. This is breeding of dependable quality. If you are now using a sire which fails to measure up to this standard, don't you owe it to yourself to investigate? Address

Maple Ridge Herd **HUGH J. DAVIS** **Broadalbin, N. Y.**

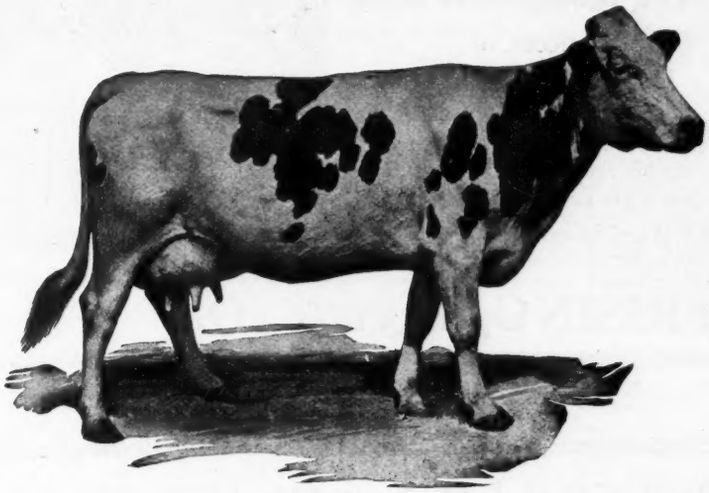
WAUSEONA HERD

SIR KORNDYKE QUEEN (55993) heads the Herd.
He now has 13 tested daughters. Two junior two-year-old records of 20.46 and 21.40 respectively. Three junior three-year-old daughters have just completed records of 23.18, 24.05 and 25.68 respectively. We now have about 40 of his daughters in our herd. He is a son of Pontiac Korndyke (103 A. R. O. daughters) and Pontiac Queen Korndyke (31.01).

WE OFFER FOR SALE

Wauseona Prince De Kol Korndyke No. 139948, born Dec. 22, 1913, Nicely marked, well grown, guaranteed to be right.
Sire—Sir Pontiac De Kol Jewel Butter Boy, sired by Pontiac Jewel Butter Boy (18 A. R. O. daughters) from Irma Clothilde Artis, 31.16 lbs. of butter in 7 days.
Dam—Minnie Favorite Korndyke Queen A. R. O. 15.66 at 2 years. Now on semi-official test. She is a daughter of Sir Korndyke Queen and Minnie Beryl De Kol (21.03).
The two grandsires have 31 A. R. O. daughters and the 4 great grandsires have 259 A. R. O. daughters. The two grandams have records averaging 26.09 and three great grandams have records averaging 27.94. Pedigrees and price on application. Address

BURR BROTHERS, WAUSEON, OHIO



BUTTER BOY SEGIS LADY

Highest Record Daughter of Pietertje Hengerveld Segis Dam of

BEACH SEGIS PONTIAC

A young son of King Segis Pontiac from a 28-lb. daughter of Pietertje Hengerveld Segis.

King Segis Pontiac, it will be remembered, is the sire of the $10,000 bull calf, King Segis Pontiac Alcartra, in whom a half interest was sold for $25,000, thus making him the highest-priced Holstein in the world. He is also sire of King Segis Pontiac Chicago, the three months-old calf who recently sold in public sale for $20,000.

King Segis Pontiac is by the great King Segis and from Pontiac Clothilde De Kol 2d (37.21 lb.), one of the five cows of the breed to produce 30-lb. records three different times. She also was the first cow to produce over 1,000 lbs butter fat in one year.

The dam of Beach Segis Pontiac is a 28-lb. 4-year-old daughter of Pietertje Hengerveld Segis and Butter Boy Spofford Lady (21.05 lb.). Pietertje Hengerveld Segis is rapidly proving one of the greatest sons of his illustrious sire, King Segis. He is from Blanche Lyons De Kol, a 33-lb. daughter of Pietertje Hengerveld's Count De Kol, the only sire of the breed to have thirteen daughters with one-day milk records averaging above 100 lbs.

Beach Segis Pontiac combines in a very close degree the blood of King Segis, Pontiac Korndyke, Pietertje Hengerveld's Count De Kol, De Kol 2d's Butter Boy and Hengerveld De Kol—all of whom are at the top of the list of greatest sires and his fame awaits but the coming of time.

BEACH & WIRT, Battle Creek, Mich.

King Segis Pontiac Alcartra 79602

Hello Boys, here I go. Would you like to take a joy ride?

A lot of good breeders have been taking joy rides lately and a lot of them have been saying, "well, he is certainly some bull; where can you beat him?" Of course they all know that I am glad to hear that, and I am very proud to have them look me over as I never felt better in my life. A joy ride certainly is a great stimulant, I like them; so would you if you came to see me.

John says it is too bad to see all the young "Kings" go as he wanted to keep a dozen or so to be ready for service next fall and spring, but we can't hold them. They all go no matter whether they are ¾ white or ¾ black a good breeder is waiting for one of them all the time and many of them come here and say where are all your young bulls and the best we can do at this writing is to show them 3 little fellows. Of course they are good youngsters, one of them out of a 34 lb cow, another out of a 32 lb cow and one out of a 29 lb cow. Prices are $3500.00—$2500.00—$2000.00 each. Of course we don't expect to keep them with us very long as there is no doubt that we could sell and ship a hundred bulls out of 30 lb cows at $2000 and over in less than 30 days if we had them. The good breeders are coming our way and their judgment seems to agree with ours that our daughters ought to make good and when you stop and think that 50 or more 30 lb cows will either produce a son or daughter sired by "King" can you blame the wise breeder for being on the lookout? Are you one of them? If not, why not?

Some breeders say that $50,000 is too much to pay for a bull. Maybe so, but if I should tell you good breeders that John and the Lawson Holding Co. have been asked to consider an offer of $100,000 for me from a Southern Government you would scarcely believe it, but it is so, and I can proudly tell you that it has been turned down, for John says money shall not part us forever. So it looks as though John and I are here to stay.

By the way; you young breeders that can't see your way clear to get a young "King" get busy and engage 4 or 5 services of a good one and you will not be lost, as most of the boys that have a young "King" can get more outside cows than they can take care of. You know the old saying of "Buy the best and breed them better." Follow that pretty close and you will be a real Holstein man.

"KING"

P. S.—John will be glad to see you or hear from you at any time at

Fairmont Farm, Middletown, N. Y.

LINDENWOOD HOPE

The Risinghurst Herd

HOME OF THE WORLD'S CHAMPIONS

Offers a few choice young bulls, also a few A. R. O. cows in calf to Risinghurst Johanna Ormsby DeKol, son of the great Lindenwood Hope.

We will also accept a few approved cows for service to her son.

CROWN PRINCESS MAXIE DEKOL 2D

G. W. RISING, Fayette, O.

TWO YOUNGSTERS FOR A QUICK SALE

No. 1—Born May 1914—15-16 white. Sire, from a full brother to Pontiac Clothilde De Kol 2d (37.21 lb.)
Dam—a 19-lb. 3-yr.-old daughter of Tidy Abbekerk Prince, who has five 30-lb daughters, and more coming. Price $100.00—a great bargain.
No. 2—Born December 1913, more black than white, almost ready for service.
Dam and sire's dam average over 22 lb. A nice individual--priced now at $75.00.
Herd sire—King Pontiac Mayflower 105149—the best son of King of the Pontiacs.

H. M. DUNHAM & SONS, Rest Easy Herd **MARCELLUS, N. Y.**

N. B. We have only two young bulls left out of 30-lb. daughters of Tidy Abbekerk Prince.

GRAND VIEW HERD

Headed by Spring Farm King Agatha 113056. The bull whose three nearest dams average 35 lbs. His first two sons sold for $2500 and $1000 respectively which shows what the good breeders think of him We have a few bull calves from 3 to 8 mo. old sired by this bull and from A. R. O. cows of the best breeding which we can offer for less money---real bargain prices.

WATKINS BROS, Camden, N. Y.

The World Is Not Full of 40-Lb. Bulls. No!

BUT

JOHANNA KING SEGIS is one. He is a brother to King Segis Pontiac Chicago that sold in the June Sale for $20,000. Did you ever stop to consider how 40 lbs. would look on the top side of the Pedigree? Send your best cow and breed to King and if it don't prove the best investment you ever made in Holstein cattle we don't want your money Service fee is $250 and cows with 20 lb. records or better will be bred on halves.

OAK GROVE & TWIN PINE FARMS

Houslet & McNutt **Oxford, Wis.**

Address all correspondence to Neal Houslet, Oxford, Wis.

A BULLY BUNCH

1 four-year-old grandson of Pontiac Butter Boy, out of a 27-lb. dam.
1 three-year-old **grandson of Pontiac Korndyke,** out of a 31-lb. dam.
8 bulls ready for service.
10 bull calves, from two weeks to eight months old.
2 two-year-old heifers due to freshen in the spring.
Let me sell you your next bull, **won't you? Yes.** Thank you, and I will expect to hear from you or see you soon. Don't wait until you need him, for the one you want may be gone then.

L. E. CONNELL, FAYETTE, OHIO

SPRING FARM BUTTER BOY No. 75858

A son of **Tweede De Kol Lass** (34.39 lb.) who is also the dam of the only 44-lb. cow. His sire is Sir Korndyke Cornucopia, whose entire list of 16 A. R. O. daughters, largely heifers, averaged over 24 lb., also the sire of both sons of the only 44-lb. cow. He combines in the closest degree the blood of Aaggie Cornucopia Johanna Lad (best son of the first 34-lb. cow) and Korndyke Queen DeKol's Prince.

A little of this 44-lb. breeding will put you in the front rank.

Approved cows will be booked for service at $100.00 to insure.

H. C. WOOD, Woodmont Farms
Morrisville, N. Y.

C. W. HEWITT & SON, Granite Ridge Farm
Gouverneur, N. Y.

Yearling Bull For Sale---26-lb. 3-yr.-old Dam

Born Sept. 18, 1913. Perfect back line, faultless individual, very light in color, a show bull. Sire—Aaggie Sarcastic Lad 55931. Dam—Fancy Favorite Vale, 144508—made last Sept. as a 3-yr-old, milk 538 lb., butter, 26.32 lb. She is a perfect individual and will freshen again in November. For price and photograph of this young bull, address

A. R. Owen, Maplewood Farm, Goshen, N. Y.

SEEK-NO-FARTHER HERD HOLSTEINS

HEADED BY AND BRED TO A 32-LB. GRANDSON OF KING OF THE PONTIACS

Offers one of his sons for sale from a 17.88-lb. jr. 3-yr-old granddaughter of Hengerveld De Kol on sire's side and of Woodcrest Pietje on the dam's side. The 7 nearest dams of this bull, born April 22, 1914, have an average of over 24 lbs. butter and over 508.21 lbs. milk in 7 days. Write

H. A. WARD, Prop. - - - Gregory, Mich.

26.36 Lb. Bull For Sale

Born Nov. 13, 1913. Color more white than black. A show animal.

Sire: A brother to 30-lb. three-year-old.

Dam: 24.93 lbs. butter. Freshens again in November and will be tested. Price $175 F. O. B. Waterville, N. Y., or will exchange for heifer calf of good breeding. Satisfaction guaranteed. Herd Sire: King Walker Segis 2d 102844.

Mason & Candee, Green Ridge Farms, Waterville, N. Y.

Winners——Winners

No. 1

Sir Segis Pontiac Mead

Born February 17, 1914—3d prize calf at California State Fair. Largely white.

Sire—Segis Pontiac De Kol Burke—our coming son of Riverside Sadie De Kol Burke.

Dam—Lady Mead of Salambo, a 24-lb. 3-yr.-old daughter of Pet Salambo of Riverside (33.05 lb.), the highest record cow in our herd. The dam has a 2-yr.-old record of 647.08 lb. butter in a year, both grandams are above the 1000-lb. mark.

No. 2

Prince Prilly Walker

Born December 1, 1913—A fine individual—more black than white.

Sire—Prince Prilly Walker, one of our herd bulls.

Dam—Prilly Princess Walker—25.29 lb. butter. 508.2 lb. at 2 yr. 8 mo. with first calf. His **eleven nearest dams,** all above 25 lb., 6 above 30 lb., average over 29 lb. He comes of strains that transmit.

We can recommend either of these young bulls, and at our prices we do not know where they can be duplicated. For pedigrees, etc., address

A. W. Morris & Sons Corp.

WOODLAND, CAL.

BE SURE TO MENTION THE WORLD

The Greatest Record Backing We Can Offer

The best son of Spring Farm King Pontiac 6th, whose two nearest dams average 35.92 lb. in 7 days; 139.44 lb. in 30 days. If you have seen the **World** the past year you are familiar with his claims to the title of "best bred bull of the breed."

The dam of this wonderful calf is

Purity Pacha Merdu 2d,
at 4 years, 4 months

Butter	34.30	30-day record,—	
Milk	461.30	Butter	128.69
Average % fat	5.95	Milk	2018.30
(First Prize 1913-14)		Average % fat	5.10
		(Second prize 1913-14)	

Her dam is now in our herd, only 6 years old, and looks capable of making a larger record than her daughter. We will guarantee to keep her and give her a record.

The youngster is a beautiful, square built calf, ¾ white. He was born Feb. 22, 1914.

The records of his dam (at 4 years), the two nearest dams and a ⅞ sister of his sire average:—

Butter 7 days	37.58	Butter 30 days	144.76
Milk	522.85	Milk	2176.10
Per cent. fat	5.75	Per cent. fat	5.32

Where can you equal this showing at any price?

For further particulars address

J. A. STANTON & SON

HILLDALE STOCK FARM **NEW WOODSTOCK, N. Y.**

Holstein-Friesian World

Vol. XI LACONA, N. Y., NOVEMBER 21, 1914 No. 47

Tilly Alcartra—The New World's Champion

By M. S. Prescott.

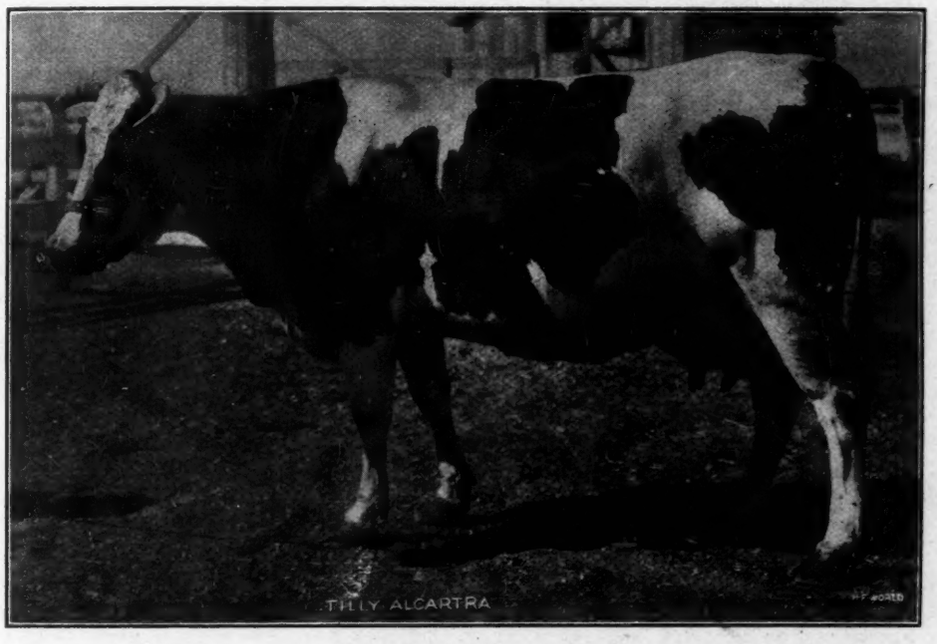
NEARLY twenty-six and three-quarters years ago, February, 23, 1888 to be exact, Pietertje 2d completed her record of 30,318½ lb. milk in 365 days. This, of course, was before the day of official or semi-official tests, and these figures therefore have to be regarded as unofficial, although as a matter of fact they were very well verified. For over twenty-six years our breeders have endeavored to beat this record, and try as they might the best they could do was to get just within a thousand pounds of it, while only two cows came within fifteen hundred pounds. It really began to look as though Pietertje 2d had set a mark that was beyond the limit of present-day capacity. But it is unsafe to make predictions as to what the Holstein cow cannot do, and this case has proved no exception, for the record of Pietertje 2d has now been surpassed; and the cow that turned the trick was under strict official supervision close to one-third of the time, and in semi-official test the balance of the year. There is no loop-hole for the doubters. The impossible has been achieved.

* * * *

It is remarkable from what small beginnings will spring events that distinctly alter the course of history—that mark new epochs of development. Thus on October 2, 1908, when Tilly Lou 2d gave birth to a heifer calf by Alcartra Polkadot Corrector, the owners, McKay Brothers, Buckingham, Ia., while realizing that here was another sturdy calf by their great herd sire, undoubtedly did not look forward to the time when this calf would surpass every other cow of any age or breed. If they had they probably would not have been willing to set a price on her at which A. W. Morris & Sons Corporation would have taken her back with them to their ranch at Woodland, Cal. But Tilly Alcartra, for thus the calf was named, did make the journey to California, together with a number of her sisters, and under the skillful care of her new owners she has accomplished what no other cow has been able to do.

The history of Tilly Alcartra, from the time she dropped her first calf in April 1909, has been a record of continuous achievement.

Freshening first at two years, six months, she made the following records:



TILLY ALCARTRA, THE NEW WORLD'S CHAMPION—The owners of this cow, A. W. Morris & Sons Corp., write: "The picture does not do her justice. The cow was 320 days in milk at the time and having been milked only six hours before she did not show much udder. The photographer happened along when we were not expecting him and took the picture when we lacked the time to clip the cow's udder and veins." Our readers will agree that such a cow as Tilly Alcartra looks good whether fitted for having her picture taken or not.

Butter 7 days	17.39
Milk	490.40
8 mo. after calving—	
Butter	14.34
Milk	362.10
(4th prize 1912-13)	
Semi-official record—285 days—	
Butter	556.20
Milk	14837.20
(7th prize 1912-13 although lacking 80 days of a full year)	

Freshening again in just over eleven months, at 3 years, 5 months, 26 days, she made these records:

Butter 7 days	23.15
Milk	613.00
8 months after calving—	
Butter	17.05
Milk	420.00
(First prize 1913-14)	
Semi-official year's record—	
Butter	841.23
Milk	21421.30
(World's Record when made for both	

milk and butter. 1st prize 1913-14. First junior 3-yr-old to pass the 20,000 lb mark)

After breaking the World's 3-yr-old record she was given a little longer rest before freshening again, calving early in November, 1913, at 5 years, 1 month of age. In official test she made records as follows:

Butter 7 days	29.27
Milk	715.40
Butter 30 days	122.71
Milk	3066.80
Butter 60 days	244.39
Milk	6052.00
Butter 90 days	360.07
Milk	8793.90
Butter 100 days	396.83
Milk	9702.80

The above figures show the evenness of her production, averaging 102.2 lb. milk per day for 7 days, and over 97 lb. for 100 days; just 4 lb. butter per day for 90 days, and 4.18 lb. for 7 days. Her best seven-day record was begun 61 days after calving. After completing her hundred days in official test, she was started on her third successive year in semi-official test. At this time her owners, being familiar with her remarkable persistency, wrote me that, barring accident, she would make a strong bid for the 30,000-lb. mark. Five and one-half months after calving she made an official 7-day record of 23.38 lb. butter, 601.7 lb. milk. Our next report of her work came Sept. 1, when she had completed 291 days, her figures at this time standing at 25,313 lb. Ten days later she had crossed the 26,000-lb. mark, with 26,048 lb., or 735 lb in the ten days. October 1, her figures for 321 days stood at 27,488 lb., an average for the month of September of 72.5 lb. per day. October 22, her figures for 343 days had reached the total of 28,997.7 lb. November 13 she finished her year with 30,452.6 lbs., not only the first 30,000 lb. record ever made in semi-official test, but the largest year's milk record ever reported under any conditions.

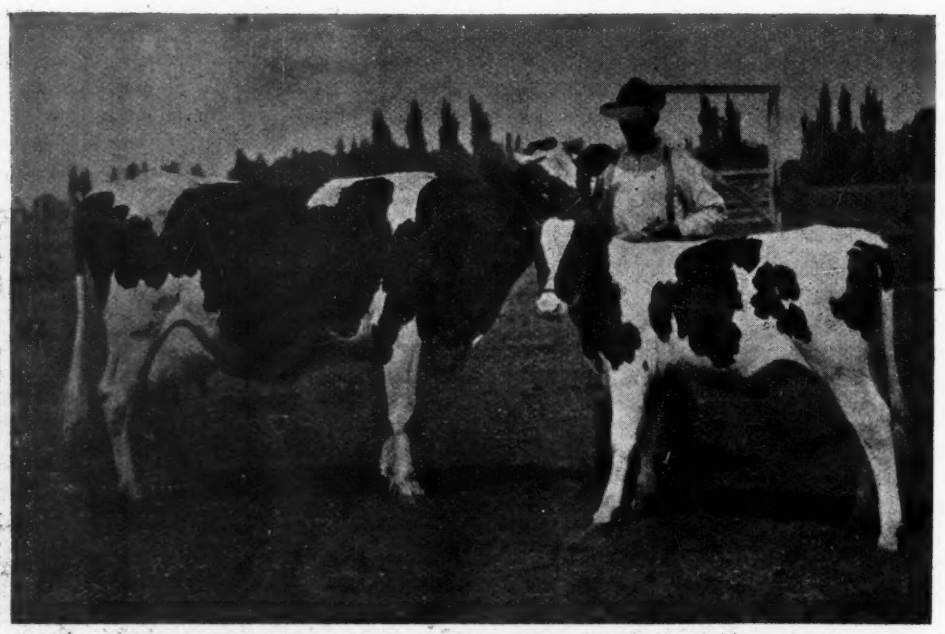
Pietertje 2d, who was mentioned at the beginning of this article as having held this world's record for over 26 years, with an unofficial production of 30,318.5 lb., is thus forced to occupy a lower position. At the end of her tenth month Pietertje 2d was nearly 100 lb. ahead of Tilly, with a production of 26,737½ lb. Her last two months credited her with 3581 lb. against 3715.1 lb. for Tilly, who thus by superior persistency wins the palm. Pietertje 2d, it is stated, was nearly three months in calf at the close of her record. We have not the exact date of service for Tilly Alcartra but on September 3, over two months before the completion of her record, her owners wrote us that she was then several months in calf. In view of this fact, then, the record of Tilly Alcartra takes on an added value, for although she has been almost constantly in test, since she dropped her first calf, she has bred regularly, and still continues to do so.

It is interesting to study the pedigree of any great producer to see, if possible, where her greatness is derived. Accordingly we present herewith a four-generation outline pedigree of Tilly Alcartra.

The sire, Alcartra Polkadot Corrector, deserves to rank with the greatest sires of his generation. His list of daughters numbering close to two dozen includes:

	Lb. But.	Lb. Milk
Geneseo Belle Polkadot	34.39	733.36
365 days	916.17	20816.20
Tilly Alcartra	29.27	715.40
365 days	1189.00	30452.60
Alcartra Abbekerk	27.87	648.30
We-No Alcartra	27.23	610.70
Arcula Alcartra	26.72	520.40
Geneseo Beauty 2d	25.02	582.10

Alcartra Polkadot Corrector is the best son of Alcartra Polkadot, who must now be reckoned as one of the greatest foundation cows of the breed. She made a 25-lb. 4-yr-old record in Wisconsin, a 27-lb 5-yr-old record in New York, and was the first 29-lb. cow on the Pacific Coast. She has two 30-lb daughters, one being Lyndon Alcartra Polkadot (32.55 lb.), who sold in public sale for $3,000.00, and the other, Alcartra Polkadot Ormsby (31.25 lb.), being the dam of the former World's Champion 3-yr-old, K. P. Alcartra, who in turn is the dam of King Segis Pontiac Alcartra, popularly known as "the $50,000 bull."



ALCARTRA POLKADOT—Butter 7 days, 29.09 lb. One of the greatest foundation cows of the breed. Grandam of Tilly Alcartra, the new World's Champion milk producer.

The grandsire, Chief Piebe Oak Duchess, has a 31-lb. daughter that sold in public sale for $3500, and is one of the best sons of Piebe De Kol Burke (two 30-lb. daughters), who in turn is the best son of De Kol Burke (seven 30-lb. daughters). These four sires form the only succession of four generations of sires each with one or more 30-lb. daughters.

The dam, Tilly Lou 2d, has never been given an official record, and concerning her merit as a producer we know nothing. Her sire is a son of Heilo 4th's Pet (24.92 lb. butter, 632.9 lb. milk) and Piebe De Kol Burke, who thus appears on both sides of the pedigree. The other grandsire, Iolena Fairmount's Statesman, was by Aaggie Beauty 2d's Statesman. The dam is from a daughter of Eunice Clay's Sir Henry, next dam, a daughter of Champion.

It will thus be seen that though

Tilly Alcartra is not backed by a solid wall of official and semi-official records, she comes on both sides of good lines of breeding, the sire's side, in particular, leaving little room for improvement.

Tilly Alcartra never broke a 7-day fresh record, or came anywhere near the high mark. Yet each year since first freshening she has been well inside the prize money in the 8 mo. after calving and yearly divisions, breaking three World's Records, winning $39 in prize money as a 2-yr-old, and $80 as a 3-yr-old. What she will win this year is of course yet undecided, but she has practically won the $50.00 prize for the largest milk record.

Although there are cows that have produced close to 200 lb. more milk in a week, and averaged nearly as much for six months as she did for one, yet in the long test—a full year—she has outdistanced all other cows that the dairy world has ever known.

Persistency, then, is the characteristic that has brought her to the top—not just for one year, but every year since she first freshened. Persistency, has won her three world's championships before the close of her third lactation period. Persistency has not only made her the first 20,000-lb. junior 3-yr-old, but, greatest of all, the only cow that ever crossed the 30,000 lb. a year mark in semi-official test—the undisputed champion of the breed.

Tilly Alcartra 123459 Born Oct. 2, 1908.	Alcartra Polkadot Corrector 30624	Chief Piebe Oak Duchess	Piebe De Kol Burke
			Lady Oak 2d
		Alcartra Polkadot	Pearl of the Dairy's Joe De Kol
			Alcartra 2d's Rose
	Tilly Lou 2d. 82057	Heilo Butter Boy Burke	Piebe De Kol Burke
			Heilo 4th's Pet
		Tilly Lou	Iolena Fairmount's Statesman
			Ophelia Diana

The D. W. Wright Herd

By M. S. Prescott.

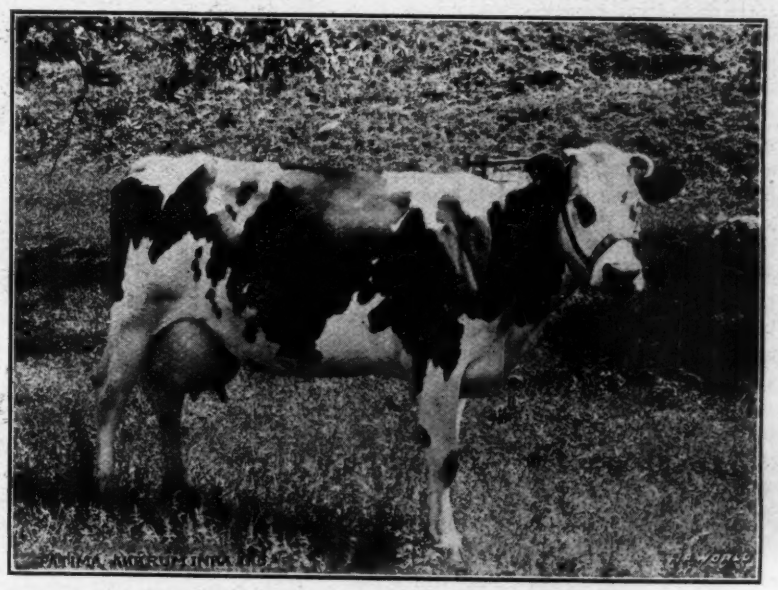
IN MY travels around the country among the breeders of the Black and Whites, this fact has been impressed upon me—the successful Holstein man is a man that commands respect in his community. He stands high both socially and in business.

When I stepped off the train at Cambridge, N. Y., a few weeks ago, I was met by D. W. Wright, whom I knew by reputation only. He proved to be a typical Holstein man, genial and good natured, enthusiastic over the future of the breed and as we drove through the town and along the trunk line state road which leads to the Wright farm, it was not difficult to judge of his standing as a man in the place where he has spent his life. So here was another instance which bore out the idea as given in the opening sentence.

Cambridge is a pretty little town of eighteen hundred inhabitants, located about forty miles north of Albany. It is close to the blue hills of Vermont, and not so very far from some other blue hills (or at least they would look blue from the Vermont side) which are within the bounds of New York state. From Cambridge these New York hills looked green, and as we drove out to the Wright farm over one of the trunk line state roads one beautiful July afternoon, and noted the stately trees and the crops of grass and grain, we knew that their greenness was no optical illusion. The season has been a favorable one, and the crops both on the hillsides and in the valley through which the road runs were correspondingly good.

The Wright farm consists of some two hundred acres, a part lying in the valley, and a part on the hills. Several small lakes of sparkling spring water are located on the farm, and furnish attraction for goodly numbers of town folk who have leased adjoining ground, and come out to fish, swim and breathe the pure invigorating air. On the hillside are a large number of springs from which gravity carries the water down to supply both the Wright homestead and the dairy barn. Altogether the environment is good for raising healthy cattle, and I was therefore expecting much of the Wright Holsteins. And I was not disappointed, for a healthier, heartier, finer lot of individuals I have never seen together. The present herd sire was bred by Mr. M. S. Nye, being sired by Mr. Nye's Son of Sadie Vale Pietertje (33.21 lbs.) and from a 26-lb. dam, a member of the Nye show herd. Both the sire and dam of the young bull were by Aaggie Cornucopia Johanna Lad Jr., who is distinguished as the greatest prize winner and sire of prize winners of the breed. The bull, as might be expected, is developing into a real show bull.

The former herd sire was De Kol Paul Cornucopia King, a first prize winner at the New York State Fair,



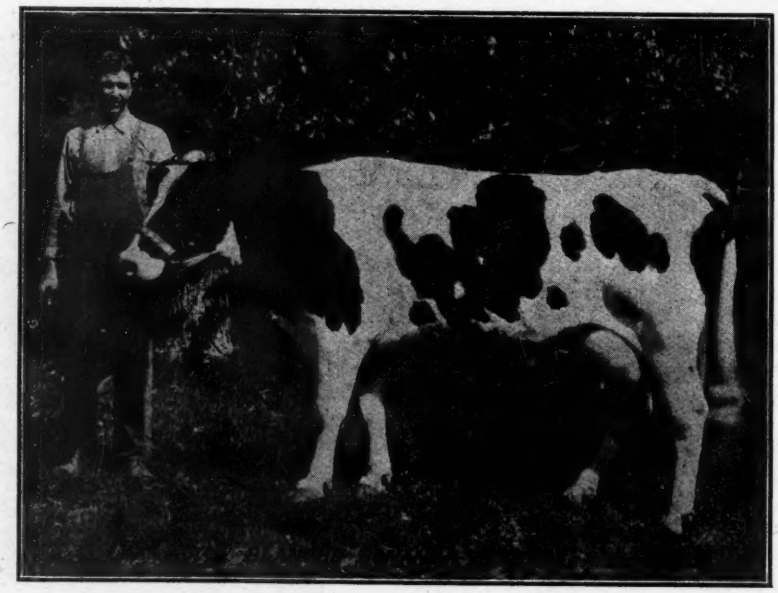
FATIMA AKKRUM INKA 3d—Butter 33 mo., 16.31; milk, 364.10. A prize winner for two years at Cambridge Fair. Owned and bred by D. W. Wright, Cambridge, N. Y.

A part of the D. W. Wright Herd. T he two dark cows facing to the left are Ruth Bonanza Adeline (23.16 lb.), who has just freshened and is ready to make a g reat record, and Queen Adeline De Kol V eeman with a senior 4-yr-old record of 29-.10 lb. in 7 days; 116.57 lb. in 30 days. She weighs 1700 lb., and is just ready to freshen.

and one of the best individuals in the country today. He too was a son of Aaggie Cornucopia Johanna Lad Jr., being a full brother to De Kol Paul Cornucopia, who holds the world's milk records for yearlings, senior 2-year-olds and senior 3-year-olds. His first daughters freshened during the year just past and under ordinary conditions made records of 16 and 17 lb. at even 2 years old. He was purchased last year at a long price by Grahamholm Farm of Minnesota, and they later come back and purchased his older daughters at prices which speak well for their opinion of these lines of breeding and the individuals that go with them.

In the herd now are nine daughters of the King, one a 2-year-old who lost a quarter through an injury (the only blemished cow in the herd), four 2-year-olds due to freshen this fall, and four calves six to eight months old. When we saw these heifers and noted their great size for their age, their beautiful conformation and general air of promise, we could not help thinking that breeding and feeding make a great combination. When these heifers freshen, we predict extraordinary results, and their offspring, again doubling up the blood of Aaggie Cornucopia Johanna Lad Jr., should prove even better.

With the exception of two ten-year-olds which were added to the herd a few years ago by purchase, the oldest member is six years old. The highest record cow in the herd is Queen Adeline De Kol Veeman, who as a senior 4-year-old produced 29.1 lb. butter, 623.6 lb. milk in 7 days, 116.58 lb. butter, 2514.0 lb. milk in 30 days. She is a daughter of Sir Ethel Wayne Veeman, a former herd sire whose daughters compose the most of the older members of the breeding herd. She is a cow of splendid dairy conformation, and looks capable of going well over the 30-lb. mark at her next freshening. These foundation cows are all outstanding individuals, several of them being good enough to show in any competition. The greater proportion of them now have records above 20-lb butter in 7 days; and Mr. Wright picks at least three of them to enter the 30-lb. list next time and in looking over this herd we cannot help forming a high opinion of Mr. Wright's judgment in matters relating to Hol-



BLANCHE BONANZA VEEMAN—B utter, 21.47, (made in hot weather). A daughter of Sir Ethel Wayne Veeman. B red and owned by D. W. Wright, Cambridge, N. Y.

steins. He has bred and developed practically all the cattle he owns. They have grown up on the place, and seem almost like members of the family. This three dozen head, representing his efforts as a breeder, certainly should be a material encouragement to the beginner, and an inspiration to the established breeder, for they show what splendid results may be attained from a small beginning, with a limited outlay of capital, when care is exercised in selection, and the cows themselves are given a fair chance.

Crown Pontiac Josey

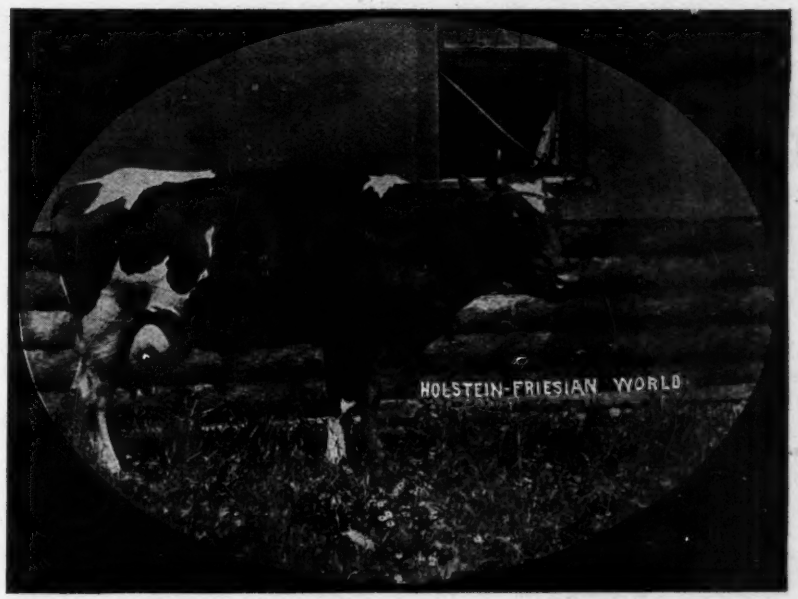
AMONG all the claims to superiority which are advanced for various animals, Crown Pontiac Josey has one of the strongest for, in one important particular, she has surpassed every other cow of the breed. Three cows have beaten her in the yearly production of milk and six in the production of butter in semi-official yearly test but among all these cows not one has beaten her for both butter and milk. In fact she is the only cow of the breed that has exceeded the 1200-lb. mark for butter and the 28,000-lb. mark for milk. She was bred by I. J. Foster, Cortland, N. Y., and was developed and is now owned by A. A. Knapp, Preble, N. Y.

She is a daughter of Pontiac Butter Boy, who needs no introduction to the Holstein public. His 57 A. R. O. daughters include, in addition to Crown Pontiac Josey, the famous 31-lb. cow, Ready Change, who produced 720.4 lbs. milk in 7 days, and likewise the 30-lb. cow, Belle Traverse, and over two dozen others with records of 20 to 27 lbs. Pontiac Butter Boy, it will be remembered, is a son of De Kol 2d's Butter Boy and is thus a brother to Hengerveld De Kol and Pietertje Hengerveld's Count De Kol. His dam, Rag Apple's Clothilde Artis, a daughter of Artis' Adiantum's Clothilde, is distinguished as the only cow having three offspring each with two or more 30-lb daughters. These include Pontiac Clothilde De Kol 2d, the first 37-lb. cow and likewise the first cow to produce 1000 lbs. of butter fat in a year, Pontiac Artis, one of the first 1000-lb. butter cows and her full sister, Pontiac Jewel, who barely fell short of the 1000-lb. mark. The dam of Crown Pontiac Josey is a daughter of Homestead Hengerveld Crown De Kol and is thus a sister to Traverse Princess Weg, the 31-lb. cow that produced 767.2 lb. milk in 7 days, who holds the world's official six-months record and a year's record of over 1100 lbs. of butter and 24,600 lbs. of milk. Homestead Hengerveld Crown De Kol is one of the best sons of De Kol 2d's Butter Boy 3d. It will thus be seen that Crown Pontiac Josey comes on both sides of ancestry distinguished for its ability to bring forth extraordinary producers in both short and long time tests.

Concerning the achievements of Crown Pontiac Josey and her care while in test we quote from the latest edition of "One Thousand Pound Cows" recently put out by the Advanced Registry Office.

"Crown Pontiac Josey No. 101812 was first tested as a senior 2-year-old, making her very moderate record of 10.029 lbs. fat (12.54 lbs. butter) from 321.9 lbs. milk. As a senior four-year-old, Mr. Knapp again tested her, she producing at that time 18.462 lbs. fat (23.08 lbs. butter) from 518.1 lbs. milk; and her work during this lactation period led Mr. Knapp to think that she was one of the great cows. That he was right is shown by her great record of the next year, when freshening at the age of 6 yr., 20 da., she produced in seven days, 25.869 lbs. fat (32.34 lbs. butter) from 640.0 lbs. milk; in thirty days, 106.264 lbs. fat (132.83 lbs. butter) from 2891.2 lbs. milk; and then beginning 241 days after freshening, 17.833 lbs. fat (22.29 lbs. butter) from 515.6 lbs. milk; and later 332 days after freshening, 15.185 lbs. fat (18.98 lbs. butter) from 488.5 lbs. milk. For the year she produced 28,752.3 lbs. milk containing 982.23 lbs. fat (1227.79 lbs. butter), which gives an average of 3.43 per cent fat or very nearly the average per cent fat shown by the Holstein-Friesian breed. It will pay well to study Mr. Knapp's list carefully, and it will be noted that he sees to it that a cow has plenty of protein in her feed. Ajax Flakes, linseed oilmeal, cottonseed meal, gluten feed, and alfalfa, for protein, and beets and silage to provide succulence, regulate the blood and keep the system cool. But we will let Mr. Knapp himself tell how the great record was made. He writes:

"'The year before Crown Pontiac Josey made her great record I found her to be an exceptionally good cow and able to milk right up to the time of her next freshening. In fact, at the calving before she started on her yearly record, I had a very hard time in getting her dry in order to give her a six weeks' rest before she freshened. When she freshened she did so well that I kept a record of her milk production, and when she had completed her 7- and 30-day records, I decided to continue her semi-officially during the year. For practically the whole year she had about half a bushel of beets per day, and for a grain ration she had from twenty-two to twenty-six pounds of the following mixture: 125 lbs. Ajax Flakes, 125 lbs. mixed wheat feed, 70 lbs. oilmeal (old process), 50 lbs. gluten feed (Buffalo), 50 lbs. hominy, 50 lbs. cottonseed meal, 50 lbs. cornmeal, and 80 lbs. of equal parts oats, buckwheat, and barley thoroughly ground. Throughout the year she had what alfalfa hay she cared for and with the exception of a short time in the fall she had ensilage the year around. Every day she was turned out in a small pasture for from an



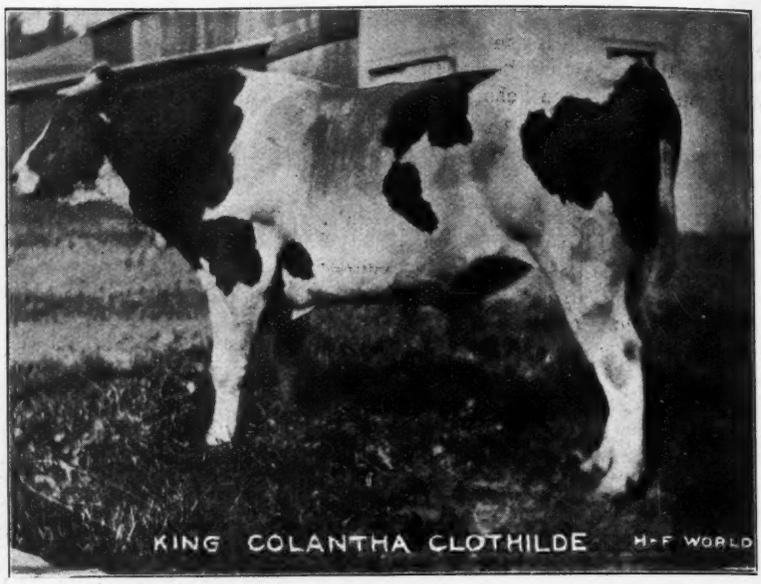
CROWN PONTIAC JOSEY—The only cow to produce over 1200 lb. butter and 28,000 lbs. of milk in a year in semi-official test. Bred by I. J. Foster, Cortland, N. Y. Owned and developed by A. A. Knapp, Preble, N. Y.

hour to two hours in the morning and again in the evening if the weather was suitable. However, in the winter and on stormy days in the summer, I only let her out for fifteen minutes or so.'"

Semi-official yearly milk and butter-fat records of Crown Pontiac Josey, supervised by the New York Agricultural College.

Month.	Lbs. Milk	% of B.F.	Lbs. of B.F.	Lbs. 80% Butter
Feb. '13, 2 days	117.5	3.78	4.442	5.55
Mar. '13, 31 days	2732.4	3.78	103.285	129.11
Apr. '13, 30 days	3017.1	3.45	104.090	130.11
May, '13 31 days	3035.4	3.67	111.399	139.25
June '13, 30 days	2668.7	3.60	96.073	120.09
July '13, 31 days	2335.9	3.17	74.048	92.56
Aug. '13, 31 days	2357.9	3.52	82.998	103.75
Sept. '13, 30 days	2253.6	3.32	74.820	93.53
Oct. '13, 31 days	2224.6	3.41	75.859	94.82
Nov. '13, 30 days	2074.3	3.26	67.622	84.53
Dec. '13, 31 days	2131.3	3.18	67.775	84.72
Jan. '14, 31 days	2104.0	3.11	65.434	81.79
Feb. '14, 26 days	1699.6	3.20	54.387	67.98
Total 365 days	28752.3	3.42	982.230	1227.79

The last three issues of the World, which usually reach me on Monday, have not come. I prize this paper very much and it is like losing your best girl to miss a single issue. Carl G. Wooster, Red Creek, N. Y.

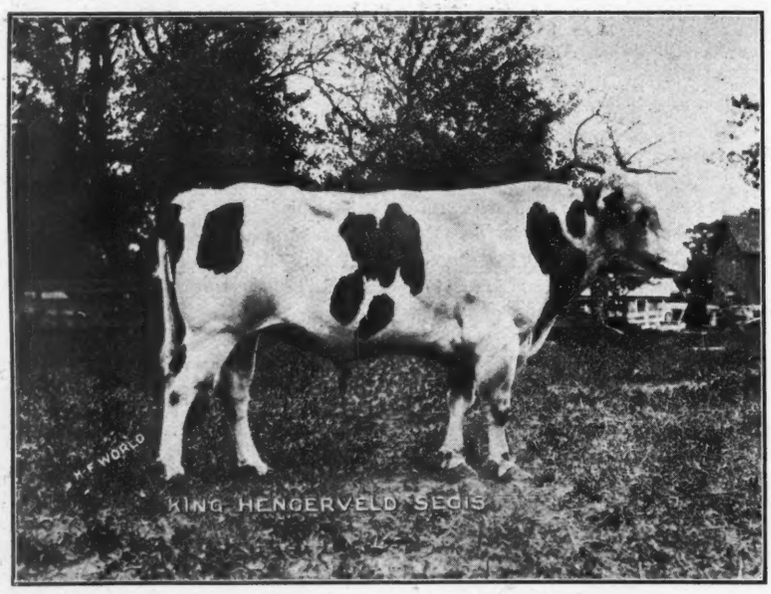


KING COLANTHA CLOTHILDE—15 A. R. O. daughters, 7 with records of 20 to 24 lb., all heifers. A son of Colantha Johanna Lad and Abby Hartog Clothilde (31.39 lb.), the only 31-lb. cow that has a 30-lb. 4-yr-old daughter that in turn has a 30-lb. 3-yr-old daughter. Senior sire in the Hamilton Stock Farm herd.

Soy Beans With Corn For Ensilage

Written by request for the H.-F. World by Irving M. Avery, Manager of Auray Farms.

THE concensus of opinion among writers on this subject seems to be that soy beans, in combination with corn, greatly improve the quality and feeding value of the ensilage produced, by increasing the protein content—apparently there is no doubt in any one's mind about that. If this be so, why is it that progressive dairy farmers make so little use of the soy bean? Why, if the addition of one load of soy bean plants to every five or six loads of corn, when filling the silo, greatly improves the resulting product, why do not all dairy farmers plant soy beans? And especially when concentrated milk feeds and all grain feeds are selling at almost prohibitive prices; and the necessity of providing home grown protein in some form or other is daily becoming more apparent and imperative. Possibly for the same reason that some, in our part of the country at least, have not as yet adopted the silo itself as the surest aid to the production of low cost milk. However, I think the answer, in this particular case, is that the majority of dairy farmers do not properly understand the nature or appreciate the value of the soy bean; (or the lesser known begumes in general, for that matter) and because as yet no satisfactory plan for the culture of this plant, in connection with corn intended for the silo, has been outlined or generally adopted.



KING HENGERVELD SEGIS—17 A. R. O. daughters, 2 with junior 2-yr-old records of 21 and 22 lb. A son of King Hengerveld (the son of Hengerveld De Kol and Abby Hartog Clothilde 31.39 lb.); and Princess Segis, a 30-lb. former world's record daughter of King Segis. Senior sire in the herd of A. W. Brown & Sons, West Winfield, N. Y.

Believing that our experience in this connection, at Auray Farms, covering a period of several years, may be of interest to some of the World readers, I have, at the suggestion of the editors, arranged this article in order to give for what it may be worth a general idea of our plan and its results.

The soy or soja bean is an annual plant belonging to the beguminous group, rich in protein, and like all begumes, gifted with the power of drawing nitrogen from the surrounding air, and by means of nodule forming bacteria upon the roots, storing it in the soil in the form of nitrates, for the use and benefit of succeeding crops. On good corn ground the plant should grow some 3 ft, high and it stands erect, branching from the main stem. The stems are coarse and fibrous, the pods are small and rather hairy, and the leaves are broad, large and numerous. We use a variety known as the Mammoth Yellow, which, though coarse, and possibly not desirable for hay or as a soiling crop, turns off a considerable quantity of fodder which makes excellent ensilage. The seed is not expensive, costing but $3.00 per bushel, and a bushel goes a long way.

At first we tried sowing in rows by means of a drill and cultivating be-

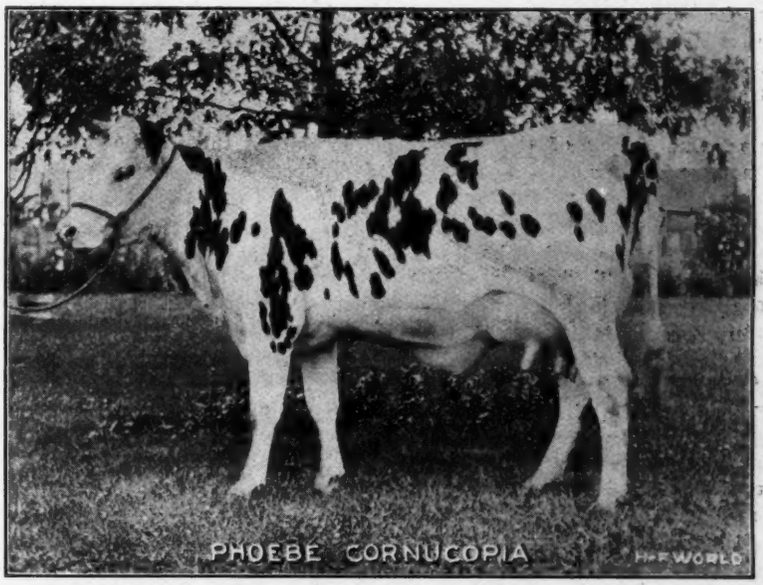
tween, but the results were very unsatisfactory; for although the beans did well enough, only a small weight of fodder was produced at considerable expense for time and labor. We next tried broadcasting and secured more gratifying returns—we thought we were all right this time as we had an excellent stand and enough to make a fine showing in the silos. It would have, had we been able to get it there. We fill each year three large silos, employ a gang of 15 or more extra men and several extra teams for 6 days, and during that time work at pretty high pressure — any delay means considerable expense and we found it absolutely impracticable and well nigh impossible to run in say five or six loads of corn and then change over into another field and put on a load of beans, which had previously to be cut and raked. There were other bad features but about the worst was this: be as careful as we might many small stones were gathered up with the beans and were fed through the cutter to the great detriment of the knives. So finally we gave up in disgust and cut and cured the balance of the bean plants and made them into hay—which, by the way, our animals positively refused to eat.

We were bound to have soy beans in our ensilage, however, by hook or crook, and one day while watching the corn as it was delivered at the cutter, tightly tied in bundles by the corn harvester, an idea occurred to me. We use a two-horse planter and plant always in rows, and that particular piece was pretty weedy. The weeds were cut clean by the harvester along with the corn, and were so firmly held among the stalks by the pressure of the binder twine that held the bundles together, that they could not be pulled loose until the band had been cut. On thinking the matter over it seemed entirely feasible to plant soy beans in the rows with the corn and by so doing exclude weeds and improve the ensilage with but very little trouble and expense. Even though the bean plants did not reach a sufficient height to be firmly tied in by the band, it appeared that they would be held firmly enough, as in the case of the weeds, by the pressure of the butts, to insure delivery at the cutter.

Accordingly I looked up all the data I could get hold of, and found of course that the idea of planting soy beans in the row with the corn was by no means new. What I did not find was a satisfactory suggestion as to how to go about it. Some recommended mixing a portion of seed with the corn in the hoppers of the planter—this way we found undesirable because the seed would not run evenly and was unevenly distributed in the row. The beans were planted all right but at the expense of corn—not in addition to the regular quantity of corn as we wanted. Others suggested going over the row after the corn was up and planting in the beans with an old fashioned hand planter. This method was tried and gave better results, but the corn (a large leaving variety), got too much of a start and shaded the beans to such an extent that they did not do as well as expected—also there was danger of covering the beans completely at the second cultivation. Finally we settled upon our present scheme, which works to our entire satisfaction and insures us an abundance of soy beans in our ensilage at an expenditure for seed and the time of two extra men, of a trifle less than $1.00 per acre.

We start our two row horse planter and as soon as it has made a round or two start two men after it with hand planters, to put in the beans. Their orders are to take short steps and drop seed as often as possible, disregarding the corn entirely, and without trying to space regularly or exactly. The marks of the broad wheels of the planter, which cover the corn, are easy to follow and beans and corn germinate at about the same time and come up, and are cultivated together. The hand planters are set to drop about 4 beans in a place at a depth of 2 to 3 inches.

The beans do not seem to impede the growth of the young corn in any way—quite the contrary. Possibly they may take a little moisture that the corn plants might make use of, but if the soil has been properly prepared and moisture conserved, there should be enough for both—certainly they do not use up any more moisture that the weeds they replace and which we find it almost impossible to keep from growing in corn planted in rows and cultivated but one way. At any rate our corn has done quite as well with them as without them—after the first few weeks possibly because of the nitrogen gathered from the atmosphere by the beans and accumulated about the roots of both plants, and perhaps because of the exclusion of weeds. I make no claim as to that however but merely state the facts.



PHOEBE CORNUCOPIA—At 1 yr 11 mo., butter 7 days, 18.24; milk, 451.30; milk 1 day, 84.20. World's milk record for heifer under 2 years. A daughter of Aaggie Cornucopia Newman, a son of Margie Newman, the one-day World's Champion milk producer. Owned by Chas. Eldridge, Chimacum, Wash.

Our milking cows seem to prefer the mixture after it comes from the silo to any other fodder, either green or cured, excepting perhaps prime alfalfa. We use it in connection with alfalfa in all our A. R. O. work The young stock relish it and in the winter subsist on it and unlimited alfalfa hay alone, and by so doing develop a large paunch (not conducive to beauty perhaps) and insure a maximum capacity for utilizing large quantities of roughage and food material later on, at the time of dropping their first calves.

So we conclude that soy beans undoubtedly add considerably to the fertility of the soil in which they are grown, even though the plants are harvested—the roots and nitrogen gathering bacteria remain. Corn grows as well if not better with them than without them, and they certainly add an appreciable amount to the total of desirable fodder produced per acre and at the same time exclude undesirable matter in the form of weeds. And without doubt they contribute

largely to the palatability and feeding value of the ensilage produced, by the addition of considerable protein. Altogether we have no hesitation in indorsing the practice as outlined above, and will be glad at any time to answer any questions, or give any suggestions we can, to any one desirous of giving it a trial.

FOOT AND MOUTH DISEASE

Its Character and Symptoms

(Editor's note—The recent serious outbreak of this dread and virulent disease in nearly a dozen states ranging in location from Massachusetts to Iowa, and the consequent quarantine regulations, has set many cattle men to wondering what it is like, and how it manifests itself. The following description is taken from "The Diseases of Animals," by Nelson S. Mayo, M. S., D. V. S.)

FOOT-AND-MOUTH disease is a highly infectious disorder, attacking cattle principally, but easily transmitted to sheep, goats, pigs and other domestic animals. Man frequently contracts the disease from infected animals. It is generally considered to be a germ disease, although the specific organism has not been discovered. This disease has been known for many years in Europe, and immense losses have followed its ravages, some parts of Europe rarely being free from it, and in other parts outbreaks occurring at irregular intervals. One attack of the disease does not confer immunity, as an animal may have it several times.

Foot-and-mouth disease varies in virulence. In some outbreaks many animals die, but in most cases the mortality is not high, the greatest loss resulting from a falling off in flesh and general deterioration resulting from the disease, and the necessary restriction of the live-stock trade which follows. The disease is transmitted by direct contact, and through the medium of infected food, litter, watering places, stables, cars and attendants. It is possible that the contagion may be carried short distances in the air. The milk of an affected animal is highly dangerous. The period of incubation, or the time that elapses between exposure and signs of the development of the disease, usually is short, but may vary from twenty-four hours to twenty days. Most cases develop within two or three days after exposure.

Foot-and-mouth disease usually starts with a chill. The animal remains by itself, and there is shivering or twitching of the muscles. A sick animal moves with reluctance, and there is stiffness or marked lameness in the gait. A thick, yellowish secretion collects at the inner corners of the eyes and about the edges of the nostril. The temperature of the animal rises from two to five degrees Fah. Blisters form in the mouth, about the feet and on the udder. The blisters vary in size from that of a pea to a quarter of a dollar, and are filled with a watery fluid. They soon burst, leaving raw sores with shreds of tissue hanging about the edges. In the mouth the blisters usually form on the lips, tongue, cheeks and pad of upper jaw. The animal champs the jaws with a smacking noise. There is profuse slavering from the mouth. The saliva at first is normal, but later becomes thick and ropy. The mouth is often so sore that the animal is unable to partake of solid food. The blisters about the feet usually occur between the toes of cattle, or about the coronet, and often cause severe lameness. One or all of the feet may be affected. After the blisters burst, raw, angry sores result. In some cases, the hoof may be shed, or the ulceration may involve the greater part of the soft structure of the foot.

So far as known foot-and-mouth disease was first introduced into America in the summer, or early fall, of 1902, being first discovered in the New England states, where it has been confined by rigid quarantine restrictions, prescribed by the general government and the various states. A vigorous and apparently successful effort is being made to stamp out the disease by quarantine. Destruction of affected animals and thorough disinfection—these are the only methods that have ever been effective in dealing with this disease. Diseased carcasses should be buried deep or burned. Hides or wool should not be saved, nor should diseased carcasses or milk from a diseased animal be fed to other animals. Suspected cases should be at once reported.

DE KOL PAUL CORNUCOPIA KING—One of the finest individuals of the breed. A leading money winner at the New York and Minnesota State Fairs. A son of Aaggie Cornucopia Johanna Lad Jr. Bred by M. S. Nye. Stood at the head of the D. W. Wright herd for some time and now owned by Grahamholm Farm, Rochester, Minn.

HOLSTEINS AT THE IOWA DAIRY CATTLE CONGRESS

The Holsteins were judged by W. J. Gillette, the man who is famous because of his success with Colantha 4th's Johanna. He is a keen fearless judge and once he has made up his mind that an individual belongs at the top, no one can change it and likewise no one can induce him to raise an individual in rank when he has decided it is not entitled to the honors. There is one thing to be noticed in Mr. Gillette's judging and that is that the indications of productive capacity rank first. He believes in beautiful cows, but he believes in cows that can produce at the pail and for that reason there was some little surprise expressed at one or two of his decisions. Reference is made especially to the junior bull calf when a magnificent youngster shown by F. L. Stone was made third after having stood at the head for some little time. Mr. Gillette realized the type and finish and quality of this bull but he picked out one or two others in the string he considered a little superior and placed them at the head. The one that was given first prize honor was Sir Korndyke Ormsby Piebe, the son of a cow that stood for a long time as junior champion cow of the state of Minnesota from the production standpoint. She has a

phenomenal record for a young cow, both for seven days and for the year. It is interesting to note that much of the stuff that Mr. Schroeder showed was of A. R. O. breeding and this is as it should be.

The Iowana Farms were fortunate in winning some of the choice prizes with their stock and the cattle were fitted in a way that would make them a remarkable credit to the breeder.

The Hamer Brothers are young men at Waterloo and showed for the first time this year. They were not as well versed in fitting stock as some of the veteran show men, but they were fortunate in capturing a few of the prizes.

The McKay Brothers, also of Waterloo, took second prize on their bull, Aaggie Cornucopia Johanna Lad 7th, a sire that is good enough to use on any herd, for he comes with A. R. O. breeding that is second to none. Here is another case where the bull that is good enough to show is also good enough to breed.

The first prize junior bull calf will be remembered as having been bred by R. B. Young of Buffalo Center. There were several individuals in the ring that traced back to the Buffalo Center herd.

The first prize and champion female was Lucy De Kol Wayne, shown by R. E. Haeger. Mr. Haeger also captured the highest honors in the bull class with his bull Paul Calamo Korndyke, a wonderful individual who has gone through many a show ring and almost invariably is victorious.

Exhibitors—Hamer Bros., Waterloo, Iowa; Iowana Farms, Davenport, Iowa; Nathan Dickinson, Lake Geneva, Wis.; F. L. Stone, Benson, Minn.; McKay Bros., Waterloo, Iowa; E. C. Schroeder, Moorhead, Minn.; R. E. Haeger, Algonquin, Ill.

Bull three years or over: 1st Haeger on Paul Calamo Korndyke; 2d, McKay on Aaggie Cornucopia Johanna Lad 7th; 3d, Iowana Farms on Oak De Kol Ollie Homestead; 4th, Schroeder on Sir Korndyke Hengerveld De Kol 36th; 5th, Hamer on Comet De Kol.

Bull two years, under three: 1st, Dickinson on Buffalo Forty Beets; 2d, Stone on Dutchland Aaggie Tidy Prince;3d, Schroeder on Buffalo Pieter Doede; 4th, Haeger on Paul Pontiac Beets.

Bull one year, under two: 1st, 4th, and 5th, Haeger on King Bessie of Rock, Duke Johanna Beets and Sir Aconeth Beets; 2d, Dickinson on Iowana Sir Ollie; 3d, Schroeder on Sir Korndyke Fytje.

Bull calf six months and under 12: 1st, Dickinson on Wakowis Johanna Champion; 2d, Iowana Farms on Iowana Ocean Fayne; 3d and 5th, Schroeder on Sir Korndyke Bess Pietertje and Sir Korndyke Homestead; 4th, Haeger on Joe Calamo Hengerveld.

Bull calf under six months: 1st, 2d and 5th, Schroeder on Sir Korndyke Ormsby Piebe, Sir Korndyke Fytje Pietertje and Prince Korndyke Jewel Beauty; 3d, Stone on Edenwold Orona Aaggie Prince; 4th, Haeger on Paul Segis Pontiac Beets.

Cow five years or over: 1st, 2d and 3d, Haeger on Lucy De Kol Wayne, Aconeth Lady and Minerva Beets; 4th, Iowana on Lady Reka Mooie; 5th, McKay on Lady Lucile De Kol.

Cow four years under five: 1st, 2d and 4th, Haeger on Crescent Beauty Butter Maid, Jewel Abbekerk Gerben 3d and Colantha Johanna of Cedarside; 3d, Dickinson on Groveland Pontiac Hijlaard; 5th, Schroeder on Glen Canary De Kol.

Cow three years, under four: 1st, 2d and 4th, Schroeder on Hello Pietertje Ormsby Mercedes, Jenny Wren Ormsby and Fytje Pietertje Ormsby Mercedes; 3d, Haeger on Queen Spofford Beets; 5th, Iowana on Johanna Fayne Pauline.

Heifer two years, under three: 1st and 2d, Schroeder on Burke Spring Brook Ormsby and Burke Mercedes Ormsby; 3d, Stone on Schill Maia Pietertje; 4th, Iowana on Star Watson 4th; 5th, Haeger on Beulah Shepard Empress.

Heifer 18 months, under two years: 1st and 4th, Schroeder on Queen Mercedes Ormsby and Jenny Wren Pietertje; 2d and 5th, Haeger on Pleione Burke Beets and Castine Aug. Beets; 3d, Stone on Edenwold Clara Colantha Homestead.

Heifer 12 months, under 18: 1st and 3d. Iowana on Una Korndyke and Iowana Countess Jessie; 2d and 5th, Haeger on Bessie Veeman Beets and Joy Mabel Beets; 4th, Schroeder on Colantha Pietertje Lass.

Heifer calf six months, under twelve: 1st, Dickinson on Groveland Pontiac De Kol Duka: 2d and 3d, Stone on Lafreka Homestead Josephine and Edenwold Violet Ormsby; 4th and 5th, Haeger on Nancy Spofford Hengerveld and Tantalus Pontiac Segis.

Heifer calf under six months: 1st, Dickinson on Groveland Pontiac Duka Netherland; 2d, Iowana on Iowana Ollie Watson; 3d, Stone on Edenwold Aaggie Tidy Princess; 4th and 5th, Schroeder on Jenny Wren Mercedes and Glen De Kol Mercedes.

Cow having official yearly record begun at five years or over: 1st, Haeger on Lucy De Kol Wayne; 2d, Schroeder on Glen De Kol Artis 3d.

Cow having official yearly record begun at two years under five: 1st, Haeger on Crescent Beauty Butter Maid.

Exhibitor's herd: 1st, Haeger; 2d, Iowana Farms; 3d, Schroeder; 4th, Dickinson; 5th, Stone.

Breeder's young herd: 1st, Schroeder; 2d, and 3d, Haeger.

Calf herd: 1st, Schroeder; 2d, Stone; 3d, Haeger.

R. B. Young's special: 1st, Schroeder.

Get of sire: 1st and 4th, Schroeder; 2d, Dickinson; 3d, Haeger; 5th, Stone.

Produce of cow: 1st, Iowana Farms; 2d, and 5th, Schroeder; 3d, Stone; 4th, Haeger.

Advance registry cow: 1st and 3d, Schroeder on Glen De Kol Artis 3d and Fytje Pietertje Ormsby Mercedes; 2d, Haeger on Aconeth Lady.

Dairy herd: 1st and 3d, Haeger: 2d, Schroeder.

Senior champion bull: Haeger on Paul Calamo Korndyke.

Senior champion cow: Haeger on Lucy De Kol Wayne.

Junior champion bull: Schroeder on Sir Korndyke Ormsby Piebe.

Junior champion cow: Iowana Farms on Una Korndyke.

Grand champion bull, any age: Haeger on Paul Calamo Korndyke.

Grand champion cow, any age: Haeger on Lucy De Kol Wayne.—Kimball's Dairy Farmer.

In a recent meeting of the Board of Directors of the American Jersey Cattle Club $10,000.00 was voted, in addition to a previous appropriation of $5,000.00, for A. J. C. C. support of a Jersey display at the Panama-Pacific Exposition next year.

Mention was made in these columns a few weeks ago of the plan the Guernsey people are expecting to work out at this exposition. It is important that the exhibit of the Holstein-Friesian Association be not overshadowed by those of the Guernsey and Jersey Clubs.

The recent election adds four more states to the "dry" column—Colorada, Arizona, Washington and Oregon. Let the good work go on.

Please find enclosed money order for the Holstein-Friesian World for three years. I could not get along without it. E. T. Stevens, Walpole, N. H.

Sherburne Breeders

WESTEND STOCK FARM

Offers for sale the 29-lb bull, Coral Burke Korndyke, No. 139027. Dam, Coral Clothilde Burke, No. 79440, 26.641 lb. Bull born March 15, 1914; large, nicely marked, half black, half white, a fine active individual, nearly ready for service. Price $125. Pedigree for the asking.
BERT J. BUTTS, Sherburne, N. Y.

WESTSIDE STOCK FARM

A bull calf, born May 15, 1914, seven-eighths white, and a fine, straight individual. His sire is Korndyke Pontiac Pet, a son of Pontiac Korndyke and Pontiac Pet, 37.68 lb. His dam is Westside Mona Hartog—23.09 lb. She will be tested again this winter. Her dam has a 27.26 lb. record and both her grandams have over 27 lbs.
If interested, write for particulars to
JOHN M. HOWARD
Sherburne, N. Y

NEWTON FARMS

Herd sire, King Veeman De Kol, 48 A. R. O. daughters, 26 with records of 20 to 33.78 lb., two averaging over 33 lb.
King of the Walkers. Six nearest dams all 30-lb. cows. Nothing for sale at present.
R. P. KUTSCHBACH & SON
Sherburne, N. Y.

SHERBURNE SUBURBAN STOCK FARM

50 pure-bred Holsteins of quality.
250 grades that cannot be surpassed.
Herd headed by son of King of the Pontiacs. We can supply anything you want in good cattle.
F. H. WILCOX Sherburne, N. Y.

BY A 33-LB. SON OF PONTIAC KORNDYKE

Dam, a 17.54-lb. 2-yr-old daughter of King Burke Hengerveld, who was by a 31-lb. son of Hengerveld De Kol, and from a 26-lb. 3-yr-old daughter of De Kol Burke and Segis Inka (28.04 lb).
Evenly marked—a splendid individual.
The above applies to an April bull calf offered by
EDSALL B. REYNOLDS
Sherburne, N. Y.

31-LB. SIRE—22-LB. DAM

We offer a bull calf born May 13, 1914. He is two-thirds white, nicely marked, and a very good individual. His sire is Prince Korndyke Johanna No. 68223, the 31.65-lb. son of Sir Korndyke Manor De Kol. His dam is Inka Beauty Pietertje Hartog No. 150541. She made 22.62 lb. at 4 yr. 29 days. She is from the same dam as a 25-lb. senior two-year-old, and by the same sire as a 30-lb. jr. four-year-old.
For particulars address
HARRINGTON SISTERS, Props.
M. T. Bryant, Mgr. Sherburne, N. Y.

100 LB. MILK IN A DAY

And nearly 30 lb. butter in a week, is the average for the two nearest dams of the March bull calf we are offering. The sire is Queen Milk and Butter Champion, whose dam has made three 30-day records over 127 lb. butter, and given over 3200 lb. milk with each record. If you are interested in this kind, address
Clayton Sisson,
Sherburne Stock Farm
Sherburne, N. Y.

ENVELOPES FOR CATTLE CERTIFICATES

The Truckell Envelope keeps the papers of each animal together, has place for all needed data on the face thereof, is neat and necessary to all breeders. To see them is to like them. 2500 sold in three hours at the recent Liverpool sale. Saves time, fuss and work.
One cent each, any number, postpaid.
Send for sample.
G. H. TRUCKELL Liverpool, N. Y.

HOLSTEIN-FRIESIAN WORLD

The only weekly Holstein-Friesian Journal.

Entered at the Lacona, (N. Y.) Postoffice as second class mail matter.

Issued on alternate Saturdays from Lacona, N. Y., and Madison, Wis.

HOLSTEIN - FRIESIAN WORLD CO., Publishers.

Eastern Edition
E. M. HASTINGS M. S. PRESCOTT
Editors

Western Edition
C. G. BROWN I. S. BROWN
Editors.

Change in live stock advertising rates (effective November 1, but not applying to annual contracts in force before that date)—

One dollar per inch per insertion.

On yearly contracts for an inch or more of space, a discount of 25 per cent will be allowed.

¼ page for a year (52 issues)		$250.00
½ page for a year	" "	450.00
1 page for a year	" "	800.00

The cost of every-other-week advertising will be 60 per cent of the annual rate for the same amount of space.

A Thanksgiving Suggestion

How many readers of the World realize what it means to be downright hungry? Lack of food was common in pioneer times, when the business of getting a living was strenuous and luxuries were few; and our own Civil War veterans tell us of serious experiences when rations were insufficient; but most of the World readers know of these things only by tradition. To us a sense of hunger is merely a desirable preliminary to a square meal. Starvation and exposure and the sharp pangs of absolute poverty are unknown among American Holstein breeders; for all of which let us be thankful.

* * *

In unhappy Belgium conditions are different. The Belgians, industrious and peace-loving, protected from outside aggression by a solemn compact of the nations, secure in their national integrity, and prosperous under the well-ordered rule of a wise and devoted king, suddenly found themselves called upon to defend with their lives the principle of neutrality, upon which their own existence and the well-being of the world depended. Their territory, supposedly inviolate, became the vortex of the armies of Europe. With calm heroism King Albert and his brave subjects have sacrificed their all on the altar of freedom, and now, a people without a country, in the face of starvation and complete annihilation, they are daily adding new pages to the record of their splendid valor. Whatever our blame or praise for the other warring forces in the conflict, we all have to unite in a tribute of sincerest admiration to the heroic spirit of the Belgians.

* * *

We are told that large numbers of the Belgians must die of starvation unless help is sent them immediately The Rockefeller Foundation is providing millions for the relief of the sufferers, but millions more will be needed for months to come, to carry the stricken population through the winter. Can we in this favored land observe the Thanksgiving season more fittingly than by contributing, as we are able, to the Belgian Relief Fund? Remittances for this purpose may be sent to J. P. Morgan & Co., 23 Wall St., New York City, and should be marked, "For Belgian Relief Fund." The objects of the fund and thus summarized by the Belgian Relief Committee:

1. To relieve immediate distress of Belgian refugees and the hundreds of thousands of destitute women and children and other non-combatants in Belgium.

2. To rehabilitate as soon as practicable the poor Belgian peasant and working classes by helping them get roofs over their heads and tools to work with.

The Outbreak of Foot and Mouth Disease

Late in October occurred the beginning of the most disastrous outbreak of Foot and Mouth Disease this country has ever experienced.

So far as is known at present the infection started at Niles, Michigan, through hides purchased in Asia by a concern at this place engaged in the manufacture of leather belting. From here it quickly spread through certain areas in Indiana and Illinois, over 600 cases being discovered in the Chicago Stock Yards.

Stringent quarantine measures were quickly adopted, but the infection continued to spread until at this writing it has been found in fourteen states, all of which have been placed under quarantine.

Commencing with Massachusetts and Rhode Island on the East, the embargo extends through New York, New Jersey, Pennsylvania, Delaware, Maryland, Kentucky, Ohio, Michigan, Indiana, Illinois, Wisconsin and Iowa. No live stock can be moved in any of these states. The stock yards at Chicago, Buffalo, New York, Cleveland, Pittsburgh, Cincinnati, St. Louis and Indianapolis were closed temporarily to undergo the most thorough disinfection. It is not deemed likely that a meat famine will result, as storage houses are well stocked, and packing houses in uninfected districts are still in operation.

The effect on the Holstein industry has been serious as outside of the Pacific Coast all the leading Holstein states are under quarantine. A number of public sales scheduled for November and December have had to be postponed indefinitely. This will work hardship on many breeders who had a surplus to dispose of, or who needed to raise considerable sums of money at this time.

As soon as the disease is under control, and the infected areas are localized, the uninfected portions will be released from quarantine, according to the program now contemplated by the government. In the meantime, it is the duty of all concerned in the handling of cattle to co-operate with the authorities in the measures that are being taken to do away with this most virulent and infectious of livestock diseases.

Dairy Show Cattle Quarantined at Chicago

All of the exhibits of dairy cattle at the recent National Dairy Show are still being held in quarantine on account of the outbreak of Foot and Mouth Disease. Of the eight hundred animals exhibited, on November 6th, thirty had become infected, but every effort is being made to prevent the spread of the disease. Not any of the animals have yet been killed. All are individually segregated and there appears to be no danger that the disease will spread beyond the place where they are kept.

This is a serious blow not only to the owners of the cattle but to the dairy breeds as a whole, for the losses cannot be measured in terms of money. The destruction of a considerable number of the choicest individuals of each breed is bound to prove a serious set-back to the breeders who are doing most to encourage public exhibitions of show animals.

On the Edge of Civilization

America is young. We are not far removed from pioneer days. In almost every community the older inhabitants tell of the time within their remembrance, when the forest re-echoed the sound of the settler's axe and the first clearings provided logs for the cabins of the early home seekers. To the pictures thus presented, distance lends enchantment. A glamour of romance makes them attractive, and we almost wish ourselves back amid the scenes of heroic action and hardy endurance distinguishing the time when the virtues of the hunter and woodsman were combined with those of the courageous tiller of the soil—when

the land was new and stumps were hard to remove.

Nearly every community has its traditions of the time when deer bounded over the hills, and bears and other wild animals found their way through the forest. Listening to such interesting tales, young America sadly shakes his head and sorrowfully reflects that his own lot is cast in unpleasant places, where game is scarce and at best no larger than a cottontail rabbit.

* * *

In respect to these important matters, Lacona has its advantages. Lacona, long recognized as a Holstein center, is distinguished in other ways, for this is a frontier town, where meet present day civilization and the life of the wilderness. A thirty minutes climb over the hills to the East takes us from the World office to the woods where big game can be hunted—and sometimes caught. One of our neighbors, a young man of athletic ability (and, by the way, a Holstein owner), lately qualified as a mighty hunter in this territory. Seated on a log, he was awaiting the appearance of a partridge that he thought he heard stirring in the bushes, when suddenly from the brush in front of him, not more than forty feet away, emerged the head and shoulders of a black bear. Armed with a shotgun, the hunter was hardly equipped for game of that size, but without hesitation he gave the animal both barrels and then proceeded to despatch the bear with a club, an exploit worth the telling, since it illustrates the kind of men and animals that may be found in and near Lacona.

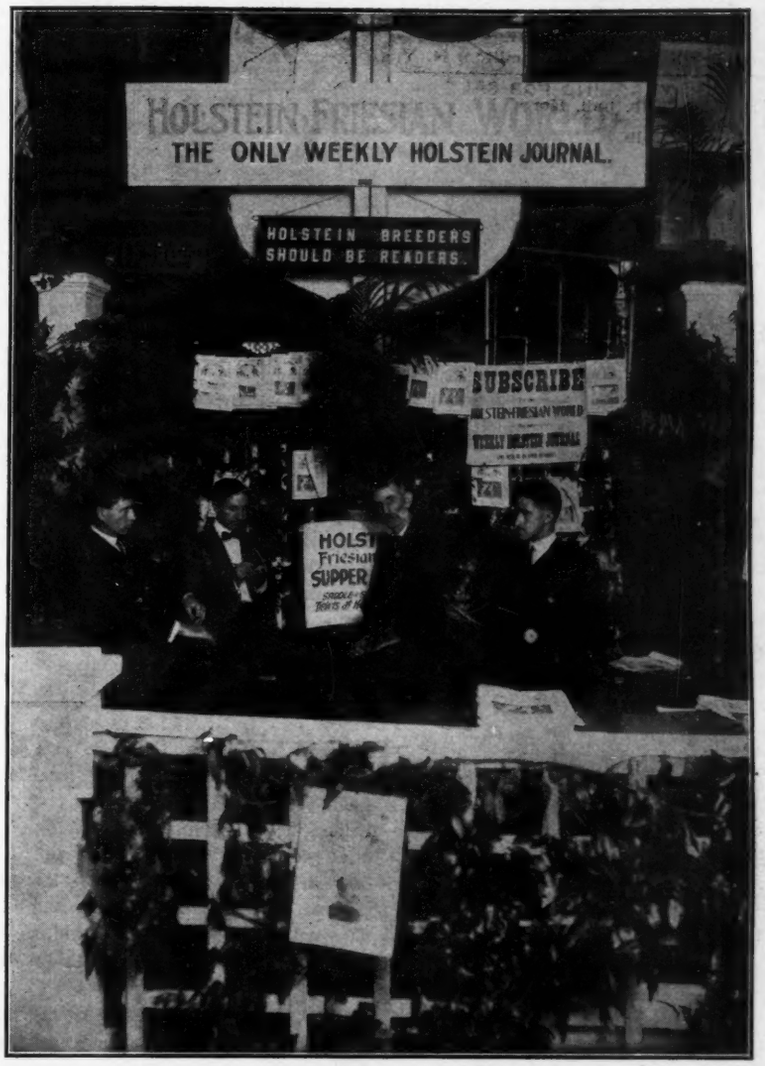
* * *

Last week we found snow in the highlands, sufficient for tracking deer. For three days we followed the circling course of a great buck. He led us a long and vain chase, over the hills, through the valleys, and amid the tangled vines and underbrush of a tamarack swamp where an unfortunate accident gave one of us an icy bath—which, however, was not allowed to interfere with the hunt. On two different days we came upon the fresh tracks of three bears, evidently a mother and two cubs, but though eager for a bear-hunt, we did not attempt the hopeless task of following them for any distance. In short, the chief value of the hunt was in the strenuous exercise it afforded, and the pleasure of being in the woods. The rifle is hardly calculated for small game, but by means of this weapon we did succeed in bringing home some slight tokens of the chase in the shape of rabbit and partridge, while a large, fine coon rewarded the efforts of the final day's hunt. Details concerning the capture of this specimen may be obtained by application to F. H. Stevens, who was a leading participant in the exploit.

CALIFORNIA BREEDERS' SALE

The California Breeders' Consignment Sale at Hanford on October 28, was one of the best and most enthusiastic Holstein auctions ever held either East or West. Ninety-five head sold for $36,800, an average of $397.89 the best figures thus far obtained in any of the fall sales. $1,000 was the high price, two animals reaching that figure, they being Prince Juliana De Kol Walker, a son of Juliana De Kol, purchased by Hewitt & Hewitt, Hardwick, Cal., and Stratford Lazon De Kol 2d, purchased by J. G. Fakes, Patterson, Cal. W. H. Ginn & Son, Corcoran, Cal., paid $950 for Edith Mandel De Kol. Prince Juliana Walker, the junior champion bull at the California State Fair this year was purchased by George A. Smith of Corcoran, Cal. Eleven others sold for $500 or more. Fifty-seven others brought between $300 and $500 each. It will thus be seen that seventy-two of the ninety-five head brought prices ranging from $300 to $1,000.

The consignors were A. W. Morris & Sons, Woodland, 19 head; Mc Alister & Son, Chino, 27 head; R. F. Guerin, Visalia, 33 head; George S. Hewitt, Hardwick, 13 head and T. J. Gilkerson, Lamoor, 5 head. James W. Mc Alister, Jr. managed the sale, and Col. Ben Rhodes did the selling.



The Editors at the National Dairy Show.

Exports of breadstuffs from the United States in October amounted to more than $38,000,000, an increase of nearly $25,000,000 over the figures for the same month last year.

The American farmer will be a busy man if he supplies his own country and the nations of Europe with bread and meat.

Exports of fresh beef for October foot up nearly $84,000,000, as against less than $37,000,000 a year ago.

Hamilton Breeders

WE CAN SUPPLY YOUR WANTS
In Holstein-Friesians

Old or young, male or female, officially tested or untested. Eighty head to pick from. Tell us your wants. Address:

CHENANGO FARMS, Hamilton, N. Y.

WELL BRED AND MILK FED

Seven heifers from four to ten months old. One, Korndyke, from a 22-lb. three-year-old, a granddaughter of King of the Pontiacs and the blood of Artis De Kol Walker, Lilith Pauline De Kol's Count, DeKol 2d's Butter Boy 3d, etc. Address

J. GRANT MORSE
Laurel Farm Hamilton, N. Y.

30-LB. YEARLING FOR SALE

Sire—The 37-lb. bull, Korndyke Pontiac Pet.

Dam—The 23-lb. cow, Zada Burke Spofford, who has a 28-lb. daughter. This bull was born Jan. 3, 1913, is a good individual, nicely marked, and has been in service in our herd the past season.

H. W. HARTSHORN
Culvert Brook Stock Farm
Hamilton, N. Y.

30.65-LB.

This is the average for the three nearest dams of our herd sire, Beauty Pietertje Hamilton. We offer one of his sons a February calf, out of a 19.7-lb. 3-yr-old daughter of the 30-lb. sire, Artis De Kol Walker. Dam's dam, over 24 lb. A good calf at a reasonable price.

Address DR. O. S. LANGWORTHY
Hamilton, N. Y.

SON OF A 28-LB. COW.

We offer a bull calf from the 28-lb. cow, Duanna Pietertje De Kol Twisk, and by Artis Prilly of Russell Farm, whose dam is a 25-lb. cow, and whose sire is a son of Beauty Pietertje (30.51 lb). Calf was born Nov. 1, 1913, is a good individual, and will be sold right.

J. C. MORRIS—Sunnyslope Farm
Hamilton, N. Y.

New Woodstock Breeders

KORNDYKE LAD OF ST. LAWRENCE
Heads Our Herd

The 7-day butter records of his dam and the two nearest dams of his sire average over 31 lb. His sire, Sir Johanna Colantha Gladi (see his list of daughters in the new Blue Book). His dam, a 26-lb daughter and granddaughter of Pontiac Korndyke.

DAMON BROS., New Woodstock, N. Y.

BY A 26-LB. SIRE

We offer a bull calf by a 26-lb. son of De Kol Beets Segis, and from a 16-lb. granddaughter of De Kol Hengerveld Burke. A good calf at a reasonable price. Herd sire, a son of King Segis Pontiac Alcartra.

F. L. & I. H. HUNT
New Woodstock, N. Y.

SON OF A 20-LB 3-YR-OLD

Sired by Hengerveld De Kol Segis, 92658, a grandson of Hengerveld De Kol (9 30-lb daughters) and King Segis (7 30-lb daughters).

Dam is a daughter of King Segis Beets the best son of King Segis.

Calf was born Sept. 27, 1914, is nicely marked and very promising. Address:

I. H. LEE, New Woodstock, N. Y.

GRANDSON OF KING OF THE PONTIACS

From an A. R. O. dam for sale. A fine youngster. Come and see him and his dam. Also a few sons of Korndyke Defiance Segis. Prices very low.

A. L. LAMUNION
New Woodstock, N. Y.

SIR URMAGEL WAVELET SEGIS
No. 122437

His dam, Zolettie Segis Burke, has a record of 17.54 lbs. at 3 yr., 2 mo., 25 days, and is a granddaughter of De Kol Beets Segis.

He was born June 12, 1913, and is a little more black than white.

F. L. FREEBORN
New Woodstock, New York

Field Notes

The Ayrshire cow, Imp. Kilnford Belle 3d, repeated her performance of last year at the National Dairy Show by winning the $500.00 Valentine Trophy, awarded to the cow that is decided to be most nearly typical of her breed. The Grand Champions of the five dairy breeds only are eligible. Adam Seitz of Wisconsin is the owner of this wonderful cow.

The Second Annual Consignment Sale of the Fayette Co., (Iowa) H. F. Breeders' Association was held at Oelwein, Ia., October 21.

Twenty registered females brought $2802.75, an average of $140.14. Ten registered males averaged $84.50. Fourteen grade cows averaged $78.64 Most of these cattle stayed in their immediate locality and each buy represented an improvement in the herd to which it was added. Upper Iowa is fast coming to realize the superior merits of the Holstein breed and with the help of the Cow Test Association, is working for constant improvement in production.

The top price for the sale was paid by G. L. Frost & Son, Grundy Center, Ia., for Albertine Diamond, one of the consignments of the W. C. Gleim Holstein Co., Arlington, Ia. The price was $222.50. Second and Third places were a tie between Netherland Daisy Hengerveld of the Gleim Consignment purchased by A. L. Shambaugh, Arlington, Ia. and Pleasant View Midget consigned by Paul P. Stewart, Maynard, Ia., and purchased by H. A. Smucker, Waterloo, Ia. The price in each case was $205.00. The other cow to reach the $200 mark was Dresden Empress Unie De Kol, consigned by Edward Gerlach, Fredericksburg, Ia., and purchased by J. F. Cole, Oelwein, Ia.

The Nichols & Benton Dispersion Sale of the C. E. Parker herd at Granville, N. Y., October 15, was a decided success. The forty-five head, including fifteen calves, aggregated $10,500, an average of $233.33. There seemed to be a great demand for every one offered, the greater proportion of which were purchased by cattle men in the vicinity of Granville. Following is a list of the purchasers.

George H. Ward, Whitehall, N. Y., R.F.D.
John Adams, Middle Granville, N. Y.
George Hanna, Middle Granville, N. Y.
John Sullivan, Middle Granville, N. Y.
P. H. Kendrick, Pittsford, Vt.
Jesse Gibson, South Hartford, N. Y.
Harold M. Williams, Fort Edward, N. Y.
John Bruen, Fort Ann, N. Y.
Fred Alexander, Hudson Falls, N. Y., R. F. D.
A. W. Hilliard, Danby, Vt.
Geo. P. Griffith, Poultney, Vt.
Norman D. Sheldon, West Pawlett, Vt., R. F. D.
A. Mills & Son, Brandon, Vt.
Dr. C. W. Sumner, North Granville, N. Y.
Henry R. Wilson, Salem, N. Y., R. F. D.
George H. Durham, Granville, N. Y., R. F. D.
Jay Darrow, Salem, N. Y., R. F. D.

New Berlin Breeders

Herd Sire—KING CORNUCOPIA NETHERLAND No. 121633. Backed by such noted sires as King Segis, Hengerveld De Kol, Aaggie Cornucopia Johanna Lad, Korndyke Queen De Kol's Prince, and Paul Beets De Kol; also such great producing cows as Abby Hartog Clothilde (31.39 lb.), Princess Segis (30.43 lb.), and Lily Cornucopia Netherland (24.00 lb. butter and nearly 100 lb. milk in one day). Four nearest dams average 27.50 lb.

Floyd C. Sholes Jay D. Sholes
New Berlin, N. Y.

FULL VIEW STOCK FARM

Twelve years experienced breeding of choice Holstein-Friesian cattle. Senior herd sire, Aaggie Grace Butter Boy 34389 best son of De Kol 2d's Butter Boy 3d. Junior herd sire, Pontiac Perseus 41666, one of the best bred sons of Hengerveld De Kol. Bull calves from the above breeding for sale.

WM. M. BACKUS New Berlin, N. Y.

MAPLE LAWN STOCK FARM has a few well bred cows for sale. They are bred to Brightview Sir Pietertje Segis, whose get are proving exceptional individuals. His sire is one of the best sons of King Segis, out of a one time world record daughter of Paul Beets De Kol. His dam, is out of the same cow as Agatha Pontiac, A. R. O. 36.90 at 4 years, and has 28.82 A. R. O. State wants.

ELMER TRAVER New Berlin, N. Y.

RIVERVIEW STOCK FARM

Pure bred Holstein-Friesian sires in service. King Pontiac Hengerveld No. 53297.

Sir Korndyke Pontiac Artis 13th, 102050.

A few young bulls for sale from A. R. O. dams.

Good color and good individuality.

Price right.

T. A. PAGE & SON
West Edmeston, N. Y.

LOCUS STOCK FARM

Fellow Breeders, Take Notice—A rare opportunity to obtain a herd bull. Grandson of Hengerveld De Kol out of granddaughter De Kol 2d's Butter Boy 3d with good A. R. O. backing. Eighteen months out. Well marked. Write for photo, pedigree, etc.

C. L. BANKS & SON
New Berlin, N. Y.

COLUMBUS VALLEY STOCK FARM

The home of Locus Butter Boy Pontiac from a 27-lb. granddaughter of De Kol 2d's Butter Boy 3d. Sire, son of Hengerveld De Kol. Bull calves for sale from granddaughters of King of the Pontiacs.

W. B. Gates
New Berlin, N. Y.

YEARLINGS

A few choicely bred yearlings for sale at reasonable prices.

Lots of A. R. O. backing.

BROWN BROS.
Hartford - S. Dakota

THE BULL YOU NEED

At a price you can pay.

Sire—Pontiac Triumph Cornucopia, who was from a 26-lb daughter of Hengerveld De Kol.

Dam—Woodcrest Maud De Kol, with an 18.5-lb record, and a 35-lb sister.

Calf was born April 21, 1914 and is largely white. Price very low.

H. C. STANTON
Burn Brae, Clifton Heights, Pa.

YEARLING—FOR SALE

Fytje Butter Boy 141834—a fine individual. Born October 27, 1913. Sire—Changeling Butter Boy 41398 (whose dam has 29.23 lb A. R. O. and 100 lb milk in a day). Not a coming sire—he has already made good. (See Blue Book).

Dam— Roxie Fytje De Kol 2d, 19.60 lb A. R. O.

GEO. F. BLEWER ESTATE
Newark Valley, N. Y.

Lacona Breeders

Henry Stevens & Son—ad. on back cover page.
Hastings & Prescott—full page ad.

ANOTHER PONTIAC BULL

Sired by King Pontiac Artis Son, a 25-lb son of a 31-lb son of King of the Pontiacs.

This one was born October 16, 1914, and he is a splendid calf, more white than black.

His dam, Queen Segis 3d, a sure 25-lb cow, has just completed a 4-yr-old record of 19.44 lb. Her dam is a good record daughter of King Segis. Her sire is Pietje Korndyke Lad, whose three nearest dams average nearly 27 lb. Buy now for delivery after the quarantine.

J. D. HAGAN - - Mannsville, N. Y.

WE STILL HAVE THREE CHOICE

yearlings, two by a 21-lb. sire; the other by a 29.86-lb. son of De Kol 2d's Butter Boy 3d. Also a few cows.

R. D. REYNOLDS
Lacona, N. Y.

A HERD OF 30 HEAD

Headed by Spring Farm King Pontiac 13th. A sire with a 31-lb average. Included in the herd are two daughters of the $15,000 bull, two cows in calf to him; also cows bred to Henry Stevens & Son's Spring Farm King Pontiac 6th, the 30-lb. sire, Pleasant Hill Pontiac Veeman Wayne, and our herd sire. Some due this fall. Any one or the whole herd for sale.

COLVIN & DESHANE
Richland, N. Y.

LACONA HERD

50 head, all ages. Herd headed by Sir Pontiac Artis Veeman, a son of Sir Korndyke Pontiac Artis, from a 31-lb. daughter of Sir Veeman Hengerveld.

A fine bunch of Johanna cows and heifers for sale.

B. E. MEAD, Lacona, N. Y.

Son of Spring Farm King Pontiac 6th

Out of a 20-lb. 3-yr-old that is a ¾ sister to a 30-lb. cow, and two others above 29 lb. The calf was born April 4 and is a splendid individual, the picture of his sire. The records of his dam, and the two nearest dams and a 7-8 sister of his sire average 34.17 lb. You will be surprised at the low price we have placed on this youngster.

W. J. SNYDER Lacona, N. Y.

26.95-LB. SHOW CALF

A bull — born June 19, 1914 — largely white; a perfect individual. Sire, Albina Butter Boy, the 29.7-lb. son of De Kol 2d's Butter Boy 3d. Dam, a 24-lb. 5-yr-old that averaged nearly 80 lb. milk per day —a perfect type, sure to increase her record. By a brother to champion yearly milk producer. Price very low.

A. T. BLOUNT
Pine Ridge Herd Lacona, N. Y.

Barred Rock Cockerels

Backed by breeding that has won at the largest exhibitions of the country. Typical representatives, from heavy laying strains. They will improve your flock, at very reasonable prices.

Pontiac bull calves all sold.

H. A. PRESCOTT
Bellevue Herd Lacona, N. Y.

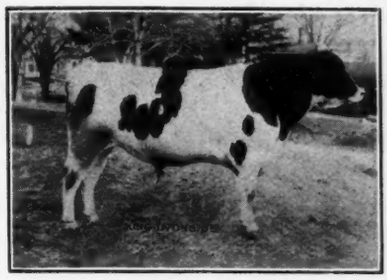
Son of ALBINA BUTTER BOY, the 29-lb. son of De Kol 2d's Butter Boy 3d. His dam is an 18-lb. 4-yr-old. Calf was born May 4, 1914, and is a nice, straight individual, nearly all white. Two nearest dams average about 24 lbs. If you want a good one cheap, address

D. J. HOLLIS, Lacona, N. Y.

HOLSTEIN BREEDERS

Desiring to cross the daughters of their present sire with a young bull that inherits the blood of 5, 12 or 17 thirty-pound average dams in his pedigree, should write the

Whitney Point Stock Farm Company,
Whitney's Point, N. Y.



King Lyons 3d, No. 101142

A prize-winner wherever shown. In the first five generations of his pedigree are seven dams whose 7-day butter records average 31.26 lb. and nine averaging over 30 lb. Send for a 5-generation pedigree.

King Lyons 3d's pedigree contains several of the greatest families of the breed, viz. Lyons-Prilly-Johanna-Hengerveld De Kol and King Segis. For a couple of months we offer the services of King Lyons 3d to a limited number of approved cows at $50.00 Compare his breeding or individuality with the great bulls of the breed.

We offer **two splendid sons of King Lyons 3d,** one from an 18.53-lb. granddaughter of King Segis, the other from a 25.16-lb. dam. First named bull ready for service.

Farm on Auburn & Syracuse Trolley Line

R. M. Stone & Son, Marcellus, N. Y.

BULLS READY FOR SERVICE

Sired by Johanna Bonheur 2d Segis. His sire, Johanna McKinley Segis; grandam Johanna De Kol Van Beers, 7 days, 40.10 lb. butter. Grandsire, King Segis. Dam of bull, Johanna Bonheur 2d. Private yearly record, milk 16,664 lb butter, 695 lb. at 4 yr. Grandam, Johanna Bonheur—yearly record, milk 20,471 lb., butter 890.83 lb. These bulls are out of cows with 7-day records from 19 to 26 lb. Yearly records from 525 as 2-yr-olds to 837 lb.

TOMPKINS WRIGHT Waupun, Wis.

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Buying or selling you may profit by our help in locating cattle or finding customers. A dozen years' experience enables us, with our up-to-date equipment, to give you the first hand information not to be found elsewhere; and also to handle in the most acceptable manner, livestock advertising, pedigree and catalogue work, and the management of public sales. E. M. HASTINGS, Holstein Advertising, Lacona, N. Y.

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Balsam Creamelle De Kol

Was born Dec. 3, 1913.

His sire is the only son of the World's Champion milk cow for yearly production.

His dam is White Rose De Kol, now on yearly test, and has already exceeded 600 pounds of butter.

He is a straight and well grown calf nicely marked with more black than white.

We have other younger bulls by the same sire and out of good cows that will suit you.

HENRY S. HALE, Owner, P. A. CAMPBELL, Mgr.
Dixville Notch, N. H.

From a 28-lb. Dam

That has a 27-lb. 3-yr.-old, two 21-lb. 2-yr.-olds, and an 18-lb. yearling.

Sire, Sir Pietje Ormsby Spofford, whose first 3 daughters average over 20.5-lb. at just 2 years. He was from a 24-lb. cow, and by a sire with a 29-lb. average. This applies to a March bull calf we are offering. Bred from producing stock.

For complete information address:

O. L. WILKINSON, Rexville, N. Y.

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The only office in the middle-west equipped for the management of public sales and the rapid compilation of catalogs and pedigrees.

SIR PONTIAC VEEMAN HENGERVELD

Son of Elsie Veeman Wayne (30.92 lb). She is a granddaughter of Lady Wayne Boon. Sire, Sir Korndyke Pontiac Artis, son of Pontiac Artis. Pretty good ancestry. Nothing for sale at present.

E. M. LOWMAN — Lowman, N. Y.

FOR SALE—ORMSBY PRILLY BULLS

Beauty Pietertje Prince, 14 A. R. O. daughters, headed Mr. Hartshorn's herd. His sons head herds owned by A. W. Morris & Sons, Woodland, Cal., Mr. Cortelyou of New Jersey and others. Two serviceable sons from sisters to Pietertje Maid Ormsby, with records, 16.25 and 23.30. Price $150 and $300; good individuals, light color. Four dams average 26.42, 7 days. C. B. REDDELIEN
North Lake, Wis.

25-LB. BULL CALF

Dam's record, 25.08 lbs. Her sister's 7-day record, 30.36 lbs.; 30-day record, 125.-18 lbs. His sire is son of Pontiac Butter Boy, 58 A. R. O. daughters, 3 above 30 lbs., 26 from 20 to 27 lbs. Born October 1914, three-fourths white, large, beautiful, attractive. $150.

HOBART W. FAY, — Mason, Michigan

Ready for Service Now

Albia Abbekerk De Kol No.116537, sired by Briar Abbekerk De Kol whose dam and sire's dam average 29.73 lbs. in 7 days. Dam of this young sire is Bryonia Albia De Kol No. 91368. Evenly marked. Write C. E. WARD - - Palmyra, Wis.

WE CAN SPARE 3 OR 4 YOUNG COWS

from 2 to 4 years old, granddaughters of King Segis, Paul Beets De Kol, De Kol Hengerveld Burke or Sir Clyde. Bred to a son of King of the Pontiacs.

FRANK BACKMAN
Weedsport, N. Y.

BOND CENTURY FARM
Canastota, N. Y.

HEIFER CALVES FOR SALE
Granddaughters of King of the Pontiacs.
Address W. E. BOND, Potsdam, N. Y.
or call at the farm.
W. A. HOTCHKISS, Mgr.

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20 Cows and Heifers Barns Crowded

Choice cows and heifers with A. R. O. records from 12 lbs. as junior two-year-olds to 26 lbs. must be sold to make room.

A few splendid sons of King Segis Lyons still left.

B. B. DAVIS
200 Bee Bldg.
OMAHA, NEBRASKA

A GREAT BLOOD CROSS

Sire — **Spring Farm King Pontiac Mercedes.** 104884, whose dam and sire's dam average 7 days, 31.76 Butter, 507.4 Milk, 5 per cent. fat; one year 909.54 lbs. Butter, 17717.6 Milk, 4.11 per cent. Fat. Dam—**Johanna Agnes,** a 19.07 lb. 2½ yr. old daughter of Colantha Johanna Champion whose dam was Colantha 4th's Johanna. Born March, 1914. Evenly and nicely marked. Guaranteed to please Price $350.

C. P. Barker, Chippewa Falls, Wis.

R. F. Hildebrand

The Live Stock Photographer

Union Stock Yards, Chicago

20.55 LB. BUTTER. 4.45% FAT.

This is the 4-yr-old record of the dam of the bull calf we are offering. The sire, a son of a 25-lb. cow, is a grandson of Paul Beets De Kol and Korndyke Queen De Kol's Prince.

Calf was born Nov. 18, 1913, is ¾ white, and a very nice, straight, well grown individual.

For further particulars address

GEORGE T. McNEIL — Theresa, N. Y.

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On best quality paper 9½x14 with diagram fifty and seventy-five cents each. Carbon copies ten cents each. Sale Catalogs $2.50 per page including cover. Give name and number of sire and dam of animals having numbers above 239854 in cows and 132639 in bulls.

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Will sell fifteen to twenty females, cows or heifers. Take your pick from our herd of a hunderd head.

JAMES W. FEAR
Maple Grove Stock Farm
Holland Patent, N. Y.

$40.00, $50.00, $65.00 EACH

Slaughtered prices on 10 mo. Pontiac bulls. The last of 50 head sold. Bargains. A. R. O. dams.

A. HURSH — Orrville, Ohio

SHOW RING AND OFFICIAL RECORDS

Form a solid wall back of this young bull calf born Jan. 1, 1914. His sire is a 33-lb son of Aaggie Cornucopia Johanna Lad Jr. His dam, a 16-lb. 3-yr-old, was by Nye's Contest bull, and from a 24-lb. daughter of Aaggie Cornucopia Johanna Lad Jr. He is just as good as his breeding. For low price and pedigree address

F. R. BABCOCK
912 Frick Bldg. — Pittsburg, Pa.

RODGERDALE HOLSTEINS

Herd Sire—Sir Johanna Lady Korndyke No. 84720. His dam, Pontiac Lady Korndyke, 38.03.

For Sale—Two Bull Calves.

One born Dec. 1, 1913 from 16.44-lb. dam. One born Dec. 13, 1913, from 15.43-lb. dam. Also five heifers by this bull. Come and see them. For price, etc., address

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In good condition, to sell or exchange for Holstein cattle.

R. E. DAVIS
Vermillion, N. Y.

Do You Want Heifers?

Here are six, comprising

A 3-yr-old and a 2-yr-old by Walker Korndyke Segis, full sisters from an 18.5-lb. dam. Also a yearling and a calf from this same cow and by Korndyke Inka Butter Boy, a 20-lb. son of Korndyke Butter Boy. The other two, a yearling and a calf, also full sisters, were by Korndyke Inka Butter Boy.

Must be sold at once and the price is right.

Also a Feb. bull by Spring Farm King Pontiac. For further particulars address

DR. J. R. ALLEN — Orwell, N. Y.

BELLEVIEW FARM

Breeders of large, typical Holstein-Friesians. Choice bulls; tuberculin tested; backed by high average records.

E. B. WATROUS — Troy Center, Wis.

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Herd sire, King Pontiac Lilith Altoana, No. 107196. Service fee $50.00.

People wanting service bulls from this sire and our A. R. O. cows will hereafter have to place their orders in advance as the demand seems to be greater than the supply this year.

FAY & CLOYES, Props.
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WANTED—Position as herdsman of pure bred herd, by young man, single, strictly temperate, agricultural college training, experienced and best of references.
Address:
R. G. P.
Care of Holstein-Friesian World
Lacona, N. Y.

KEYSTONE FARMS

Offer bull ready for service born Jan. 18, 1914 from a 21-lb dam and sired by a 30-lb bull.

Junior sire at Keystone Farms is son of Pietertje Hengerveld Segis, the $5000 sire and his dam is second best dam of Hengerveld De Kol with record of 32.43 lb. butter in 7 days. Write your wants.
C. A. PRATT, Le Raysville, Pa

PHELANDALE HERD

Offers bull born July 23, whose seven nearest dams average 26.84 lb butter in seven days. Dam of calf has semi-official record of 668 lb as a junior two-yr-old. Price $150.
JAMES PHELAN
Forestville, Chautauqua Co., N. Y.

BULLS BULLS

20 Holstein bulls for sale. All registered and most of them from A.R.O. cows and noted sires. Dams up to 21 lb. Sires 31 lb. A few A. R. O. cows for sale. Write or come and see them.
KIRKPATRICK BROS.
Lime Ridge - - Wisconsin

HERE THEY ARE
Three Bulls For Sale

One born June 10, 1913. Price $150
One born Dec. 18, 1913. Price $125
One born Feb. 22, 1914. Price $100

Well grown and nicely marked, about equal black and white. All crated F.O.B. this place. Maple Farm.
Middleville, Herkimer Co., N. Y.

FOR SALE

Nine yearling heifers, bred to a good son of Pontiac Korndyke; also eight heifer calves and one bull calf. If interested write

H. J. FORRESTER
Forest Dale Stock Farm
Hammond, N. Y.

SPRINGVALE STOCK FARM
"The Home of the Johannas"

If in need of a bull calf this winter do not fail to investigate the breeding of one sired by King Pieter Lyons and out of a daughter of Colantha Johanna Champion. A combination of breeding surpassed in no herd in the world.
W. J. GILLETT & SON
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Half tones, 3x4, at the low price of $1.50. Cuts that will run. Reference, this paper. Satisfaction guaranteed.
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The place to secure Holsteins that produce. It is a fact we can give you great value in a young bull or a few females. Large, healthy cattle.
STRICKLAND BROS.
S. M. Strickland, Mgr. Carthage, N. Y.

Ready For Service

A popular bred bull calf, eight months old, a fine straight individual, two-thirds white and nicely marked. His sire, **King Segis Pontiac Columbo**, represents one of the most famous crosses known to Holstein breeders. He carries over 80 per cent of the blood of Pontiac Korndyke, King of the Pontiacs, Hengerveld De Kol and King Segis.

His dam, Jessie Minn Clothilde De Kol, is a good producing 17-lb. cow with a 19-lb. daughter. She is a granddaughter of Pauline Paul's De Kol.

Price $150.00

We have a few other bull calves from three weeks to one year old at reasonable prices. Send for pedigrees and full particulars.

Pine Grove Farm
Elma Center, N. Y.

Alfalfa Hay

FOR A. R. O. TESTS
PIONEER FARMS
E. K. Munro Camillus, N. Y.

For more Milk and Butter use

"Schumacher Feed"

The Quaker Oats Co.
Chicago, Ill.

CATTLE ADVERTISED

All sold. Nothing left for sale but three bulls from A. R. O. dams and sired by 30-lb. bull and the price is very low. Also a few choice fawn and white Indian Runner Ducks for sale.
J. G. HORNER
Lamson, N. Y.

TROUT BROOK HERD

Headed by King of the Pontiacs 4th, one of the best sons of his dad. Nothing for sale at present.

W. H. HORSTMAN Schenectady, N.Y.

KANSAS CITY FARM

Breeders of K. C. Holsteins
Kansas City, U. S. A. and Springfield, Ill.
Some bred heifers and heifer calves for sale. Also a few yearly record cows.

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Offers a well bred, light colored bull calf for $40.

HAROLD F. HUBBS
Kirkville, N. Y.

McHenry County Breeders

PEEP-O-DAY STOCK FARM

A few fine, growthy calves sired by a grandson of King Segis and from dams of fine type and immense capacity.

H. C. LA BREC Harvard, Ill.

RIVER VALLEY STOCK FARM

Grandsons and granddaughters of King of the Pontiacs by herd bull, Sir Genie Pontiac, from A. R. O. dams.

These calves are beauties and priced right.

JOHN DEHMLOW, Algonquin, Ill.

FLORENTINE FARM

We have for sale a few choice heifer calves from A. R. O. dams.

J. H. TURNER
Hebron Illinois

BULL CALF

Two nearest dams average 25.615 lbs. butter in 7 days. Dam, De Kol Model Beauty A. R. O. 21.115. Sire, Traverse Belle Lad out of Belle of Traverse, A. R. O. 30.115. One-half white, straight and good type. Born March 27, 1914. Send for pedigree and photo. Price $150.

BROWN BROTHERS, Hartford, S. D.

26-LB. SON OF KING OF THE PONTIACS

King Pontiac Solomon heads our herd. We offer a few of his sons, 4 to 6 months of age, out of dams with good A. R. O. records. Priced to sell. Also a choice lot of Berkshire pigs, about 4 mo. old. All stock guaranteed.

WARNER STOCK FARM
Onondaga Co. Warner, N. Y.

WANTED—Am in want of a few extra good show animals for the Fall Fairs. Let me know what you have. Could also use 20 registered heifers.

C. E. GSCHWIND
1452 Elm St., Youngstown, O.

PARMELEE STOCK FARMS
Putney, Vt.

Home of KING PONTIAC CALYPSO 5th
Sire—King Pontiac Calypso, who has a 31.78-lb. junior 3-yr-old, 5.55 per cent fat. Dam—Olivia Beets De Kol, 29.45. Average fat of dam and sire's dam 4.50 per cent. A few approved cows accepted for service. Fee $50.00 to insure.

WHITFORD HOMESTEAD HERD

Offers four or five good producing A. R. O. cows, bred to freshen in January by Woodbine Pontiac Hengerveld No. 86701; a grandson of King of the Pontiacs, also King Segis Pontiac. His six nearest dams average 29.64 lb.

E. A. WHITFORD
Adams Center, N. Y.

31-LB. BULL—$300.00

Dam a 27-lb. cow, and three nearest dams of sire (all above 30-lb.) average over 31 lb. Calf was born last March, and is a splendid individual. You cannot beat him at this price. Write or wire.

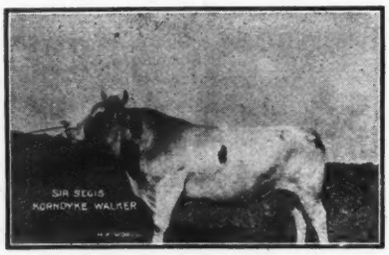
THE WALLACE HOLSTEIN CO.
Wallingford, Conn.

RIVERSIDE STOCK FARM

Offers Holstein-Friesian bull born Nov. 18, 1913—Sire, Aaggie Cornucopia Johanna Lad 7th, a 32-lb. bull. Dam, a 17.50 2-yr-old daughter of King Hengerveld Segis. A fine individual, nicely marked. Price $100.00.

A. W. BROWN & SONS
W. Winfield, N. Y.

I am Daddy of This One



Sir Segis Korndyke Walker 59712. WHO WANTS HIM?

NEW YEAR SNOW BALL. Born Jan. 1, 1914. (See photograph July 4 issue.) A beautiful individual, carrying 75% of the blood of Sir Segis Korndyke Walker, a sire with a future. This fellow will be worth more money after his dam freshens again.

Sire
SIR SEGIS KORNDYKE WALKER
10 A. R. O. daughters, including 2 with 2-yr-old records of 20 and 22 lb., the entire number averaging 17.36 lb.

Dam
PIETERTJE ROSE WALKER DE KOL, 157792
Butter 2½ y 22.31
Milk 428.90
Average fat 4.14
The best daughter of her sire, and a candidate for proportionately high records in later tests.

WALKER KORNDYKE SEGIS
9 A. R. O. daughters
All good ones.
Son of King Segis from 28-lb. dam.

AAGGIE HENGERVELD DE KOL PIETERTJE
Butter 3½ y 24.86
Butter 30 mo. 22.21
Daughter of Hengerveld De Kol.

SIR SEGIS KORNDYKE WALKER
(See above)

PIETERTJE DE KOL ROSE
Butter 24.62
Milk 442.10
Average fat 4.45
2 A. R. O. daughters

Write for description and price. **F. C. & K. A. OVERTON, Adams, N. Y.**

Are you testing your cows?

Official tests backed by this Association will add to the value of the animals tested as well as to their offspring, their sires and their brothers and sisters.

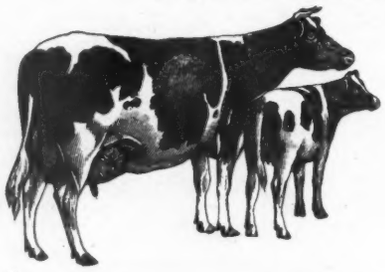
Official testing also leads to a careful study of the feeding problem—it shows you just which animals are making or losing money for you. It increases your own interest and enthusiasm and that of your help, too. It cuts out all the guesswork and uncertainty and enables you to know just where you are at all the time.

It is only through official testing that the great cows have been found. You may have one or more record-breaking animals in your herd and may not know it.

This Association encourages official testing by offering to its members annual prizes amounting $16,400 for milk and butter records.

If you want further information, write to

THE HOLSTEIN-FRIESIAN ASSOCIATION OF AMERICA
F. L. HOUGHTON, Sec'y, Box 182, Brattleboro, Vt.



D. D. AITKEN, Flint, Mich., President.
H. B. FAVILL, Chicago, Ill., Vice-Pres.
WING R. SMITH, Syracuse, N. Y., Treas.
M. H. GARDNER, Delavan, Wis., Supt. of Advanced Registry.

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Cazenovia Breeders

BY A 33.87-LB. SIRE—Dam, a 16.45-lb. 2½-yr-old, produced 458.2 lb. milk in 7 days. She was by Gordon Glen Pontiac, sire of the World's Champion 2-yr-old, and from a 22-lb. daughter of Johanna Rue 3d's Lad. This applies to a 6-mo.-old bull calf we are offering at a bargain. **Also,** a bull calf by Lorenzo Pontiac Korndyke, a 31-lb. son of Pontiac Korndyke, out of A. R. O. dams. For complete information address **Chas. S. Fairchild**
Lorenzo Farm, Cazenovia, N. Y.

Elm Road Farm

Can fill your wants in Holsteins. Herd sire—Sir Woodcrest Korndyke Kate De Kol 5th, who has a 30-lb. dam and a 36-lb. full sister.

R. D. LEE **Cazenovia, N. Y.**

163 ACRE ALFALFA-DAIRY FARM

30 acres alfalfa.
15 acres woodland.
90 ft. stable—silo.
Well watered. 3 miles from Cazenovia on State Road. Want to sell farm and herd of 28 pure-bred females.

D. D. BLOWERS
R. F. D. **Cazenovia, N. Y.**

KORNDYKE PONTIAC AAGGIE, 64888
Heads Our Herd.
He was by a son of Pontiac Korndyke, and the 37-lb. former World's Champion, Pontiac Pet. His dam is the great 30-lb. cow, Aaggie Alban Shadeland.
Herd numbers forty head.
W. H. HUGHES
P. O. Webster Station, N. Y. (near Cazenovia). Railroad, Ballina, on the West Shore.

MEADOWOOD FARMS

Highest Quality, Pure Bred Stock
Holstein-Friesian Cattle
Chester White Swine
Single Comb White Leghorns
Rhode Island Reds

Cazenovia, N. Y.

26-LB. BULL—$65.00

Bull calf born July 17, 1914. Dam and sire's dam average butter for 7 days, 26.-35 lbs. Average milk for 7 days, 90 lbs. For one day, 93.8. An extra fine individual, nicely marked. First check for $65.00 takes him.

J. W. LEE **Cazenovia, N. Y.**

GRANITE STATE HERD

Offers a splendid bull calf, born March 19.
Sire, Dutchland **Pietertje Leda, backed** by Pietertje Hengerveld's Count De Kol, Changeling, Pontiac Korndyke and Hengerveld De Kol.
Dam, **19.378 lb. at 4 years, 100 per cent** same blood as cow with 101.81 lb. milk in 1 day. Nice conformation, **large size,** well bred. Price $75.
JOHN E. POTTER,
Conway, Carroll County, N. H.

The Quarantine

Will not not affect the character of

The Dairymen's Sale
The Hicks Dispersal Sale

Both will be held as soon as possible after the embargo on live stock shipments is removed.

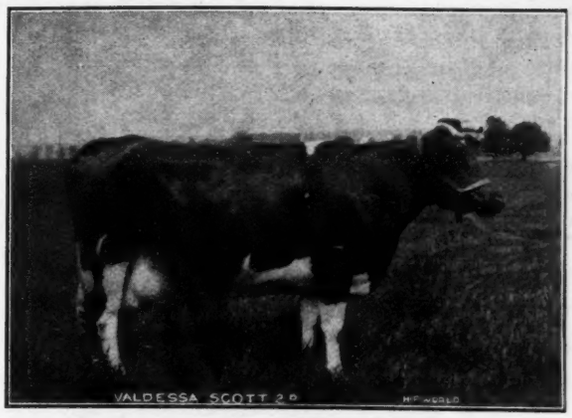
The Dairymen's Sale will comprise the finest lot of animals ever put into a public sale, consigned by the representative breeders whose offerings are the best the breed affords.

The Hicks Herd is the largest and best ever offered for sale in the state of Pennsylvania.

Watch for future announcements.

E. M. HASTINGS, Sale Manager, Lacona, N. Y.

You Know Me



Valdessa Scott 2d, No. 72311

My A. R. O. records are:

At 8 yr 2 mo	694.6 lb milk	41.88 lb butter	7 days
At 8 yr 2 mo	2933.9 lb milk	164.24 lb butter	30 days
At 10 yr 2 mo	611.4 lb milk	37.49 lb butter	7 days
At 10 yr 2 mo	2475.7 lb milk	142.49 lb butter	30 days

That is not all: I gave birth to a calf every year. They have all been females except my last one. That was a male. Now that you all know me I would like to have you get acquainted with my only son

King Valdessa 137495 Like most mothers I think he is O. K. To prove he has been well provided for since he left my care he got weighed when five months old and tipped the scales at 600 lb. He is a good individual; in color he is like myself.

His Sire Was Spring Farm Pontiac Cornucopia No. 77172, the $15,000.00 son of K. P. Pontiac Lass No. 203938 A. R. O. 7 days milk, 585.9 lbs., butter 44.18 lb., 30 days milk 2316.4 lb., butter 171.49 lb. She is a daughter of the King of the Pontiacs. Did you ever see such royal breeding as this, my only son

King Valdessa has? Now his owners are going to offer his services to a few approved cows for the season of 1915. Hadn't you better be one of the lucky ones and breed to the best the breed has yet produced? For terms, etc., write

SOMERSET HOLSTEIN BREEDERS' CO., Somerville, N. J.

Do You Know What You Want?

Have you decided the bull question to your own satisfaction?

Have you given due consideration to the fact that to achieve certain results, you must have a bull whose pedigree presents no weak spots? Whose heredity material is all first class? Whose ancestry can not only produce, but reproduce and at the same time maintain a high standard of individual excellence?

Such a bull is

KING PRILLY WALKER HARTOG

Born December 14, 1913

7-8 white—ready for service—a handsome individual

Sire—Lewis Prilly Rouble Hartog 2d, whose 3-generation pedigree includes three of the families of 3 generations of 30-lb. cows. His dam is the only 30-lb. 4-yr-old having a 30-lb. 3-yr-old daughter and a 31-lb. dam. His grandam, a 31-lb. cow, is a ¾ sister to the only 32-lb. cow having a 31-lb. daughter that has a 31-lb. daughter.

Dam—Meadowbrook Prilly Daisy, who has a senior 3-yr-old record of 30.13 lb. butter, 560 lb. milk in 7 days, winning four Association prizes before attaining the age of 4 years. Her dam, a 20-lb. cow of proven transmitting power, was by Model Sir Aaggie, and from a 20-lb. daughter of Johanna Rue 3d's Lad, who has four daughters with records of 30 to 37 lb.

The dam's sire is our senior herd sire, Sir Prilly Walker, whose ancestors in the first four generations have produced more different 30-lb. cows than any other combination of the breed. Sir Prilly Walker was by Judge Hengerveld De Kol, perhaps the best son of Hengerveld De Kol, and from Plum Prilly Walker (24.18 lb. at 3 yr.), the best daughter of Prilly, age considered.

These statements are worthy of study, but if you are interested in a bull of this quality at a reasonable price, send for his pedigree which gives the more important details.

Remember—it is the bull that really decides whether your herd will be a success or a failure. Address

MEADOW BROOK FARMS, Blairstown, N. J.

JOHN C. SHARPE, Prop. **R. L. WILLIAMS, Supt.**

N. B.—Now is a good time to buy for shipment after the Federal Quarantine for Foot and Mouth Disease is lifted.

The
LAKESIDE MODEL FAMILY

When all the essential qualities of a dairy breed are considered this family will score higher than any other yet produced, viz.:

1st—Great average, continuous production. Every cow 3 years or over has made over 20 lb. butter in a week, which can be said of no other family of equal numbers, and up to 31.43 lb., the average being 25.07 lb., average fat 4.54 per cent.

2d—Beauty of form and markings, straight backs and rumps.

3d—Level, well balanced udders, and well placed teats.

4th - High, broad arch between the thighs, without which a well placed evenly balanced udder is impossible.

5th—Superior Quality and Superb Finish.

6th—In the show and sales ring no family has made a better showing.

All ages and both sexes of highest quality and breeding for sale.

Call and inspect the herd.

See if this statement is true.

E. A. Powell

904 W. Genesee St.

SYRACUSE, N. Y.

KING SEGIS PATENT LOCK

Ear Tags, Bull Staffs and Bull Rings

Description and prices of all sent on application, including samples of ear tags. 300,000 of these tags have been sold without adverse criticism. 500 of these Bull Staffs are in use by the best breeders in the business.

Please mention this paper when writing to advertiser

H. A. MOYER, Syracuse, N. Y.

HEIFERS FOR SALE

We have some very nice 2 and 3-year-olds to sell. Price $200.00 to $250.00. Also bull calves at Farmers' prices, $20.00 and up, some grandsons of King of the Pontiacs. Will sell cheap.

H. PERKINS & SON, RED CREEK, N. Y.

MOYERDALE HERD

Headed By King Lyons the Successor of the Great King Segis

Moyerdale Farm the home of the greatest producing cows of the Black and White Breed. Moyerdale Farm the home of the great King Segis, the greatest sire and grandsire of his generation

85 Officially Tested Daughters, seven of them greater than 30 lbs.

Over 500 Officially Tested Granddaughters, eight above 30 lbs.

I have 25 of King Lyons' daughters that will freshen during the coming winter. They are the finest and greatest bunch of heifers that I have ever raised, and I am expecting great results from them.

It is a good time to buy a son of King Lyons before these daughters are tested.

I have but a few of his sons left to offer for sale.

H. A. MOYER, Syracuse, N. Y., WM. B. SIMPSON, Supt.

YOU WANT

your next bull by a sire that is

1. Large, level, deep, handsome;
2. From fine record dams and sires;
3. A combination of blood that "nicks."

YOU DON'T WANT

a herd-header by a sire that is either

1. An inferior, unattractive individual no matter what his record backing; or
2. A "show bull" bred from inferior dams and ordinary sires.

YOU SHOULD REQUIRE

in your bull's sire and ancestors: Individuality—Breeding—Performance.

YOU WILL FIND

such a sire in our Junior Bull.

KING SEGIS PONTIAC CLORINDA

"a splendid representative of the famous King Segis-King of the Pontiacs combination that produced the $50,000 bull.

Bull calves by King Segis Pontiac Clorinda from our own A. R. O. daughters of Pontiac Burke, King Segis, King Fayne Segis, King Pontiac Calypso, Mutual Pietertje Paul, etc. are

REALLY WORTH WHILE $100 to $300

Others from high record dams at proportionately larger prices.

Correspondence invited and printed charts, photos, etc. gladly furnished.

AURAY FARMS

F. M. Avery I. M. Avery, Mgr.

Sparta, Sussex Co., N. J.

Grandson of 44 lb. Cow

King Korndyke Pontiac Lass 2d. Born May 3, 1913. A good individual nicely marked, very active, a quick server. Sire King Korndyke Pontiac Lass No. 115535, a son of the only 44.18 lb. cow, Dam Tina Aegis Pietertje No. 209061. As a senior 2-yr-old 54 days after freshening, milk 420.60, butter 14.62, this record was made in hot weather and our first attempt at official testing.

B. T. BOYSON, Rome, N. Y.
711 Summit Ave.

We serve

Large numbers of Agricultural Business Men in the Printing line.

WHY NOT YOU?

Write us. Always at your service.

The CORSE PRESS

Sandy Creek, N. Y.

Breeder's Bulletin

PUBLIC SALE CALENDAR

Nov. 23-24, 1914—Worcester, Mass. N. E. Breeders' Fall Sale.

Dec. 7-8—Syracuse, N. Y. Liverpool Sale & Pedigree Co.

Dec. 11-12, 1914—North Portland, Ore. Second Annual Pacific-International. Geo. A. Gue, Mgr.

Jan. 5-6—Syracuse, N. Y. Sale Pavilion. E. H. Dollar Dispersion.

Jan. 13-14, 1915—Syracuse, N. Y. New York State Breeders Sale Co.

Jan. 26-27, 1915—Syracuse, N. Y. Liverpool Sale & Pedigree Co.

Mar 9-10, 1915—Syracuse, N. Y. Liverpool Sale & Pedigree Co.

March 17, 1915—Waterloo, Ia. Iowa Holstein-Friesian Breeders 2d Annual.

Mar. 30, 1915—Alta, Ill., I. J. Case.

April 12-13, 1915—Syracuse, N. Y., E. M. Hastings, The 1915 Sale.

April 14-15, 1915—Earlville, N. Y., Madison-Chenango Breeders Club.

Apr. 20-21, 1915—Syracuse, N. Y. Liverpool Sale & Pedigree Co.

May 4, 1915—Waukesha, Wis. Waukesha Co. Breeders Second Annual.

May 19-20, 1915—Worcester, Mass., New England Breeders Sale.

May 26, 1915—Brockville, Ont., A. C. Hardy.

June 3-4, 1915—Syracuse, N. Y. Breeders' Consignment Sale Co. 18th Public Sale.

Oct. 1, 1915—Randolph, N. Y., Southwestern N. Y. Breeders' 2d Annual.

"THE GUARANTY SALE OF THE WEST"

They say there's going to be a sale
At Portland, in December,
And from what I hear and what I know,
'Twill be something to remember.

The breeders of the Northwest
Have come to the conclusion
That their herds and dandy herd sires
Be brought from their seclusion.
So, forthwith, each one of them is sending
To this "Quality Sale of the West"
Some splendid representatives,
From their herds—the very best.

On a farm near Spokane, are some Holsteins,
That are bred in the purple I'm told;
And some of them are nearly worth
Their actual weight in gold.
A son of Jessie Fobes Bessie Homestead
Stands at the head of this herd,
And when you've said that, that's the end,
Don't add another word.

Hugh Nesbit lives near Chimacum,
He has some Holsteins, too.
I think King Segis Pontiac stock
Looks pretty good, don't you?

We heard it rumored, not long since,
That some eastern folks wanted to buy
A Bull of Wm. Bishop! Nothing doing!
The West flies high!

J. C. Roberts' herd is headed
By Prince Prilly Gelsche—Yes,
Of Prilly bulls, you're mighty right,
He certainly is the best.

The Twin Lakes Farms, keep Holsteins
And some fine ones too, I know.
You'll get a chance to see them
For they're coming to the Show.

Have you thought 'bout Mills' 36 lb. bull
Of the Gerben line of breeding?
If not get some Holstein Literature
And do a bit of reading.

The Hollywood Farm, (Certified Milk Plant—
For Seattle) will consign
Three splendid bulls. If you want one
You'll have to stand in line.

HOMEWOOD FARMS

RYE, NEW YORK

The 2-year-old bull we offered recently has been sold.

We now offer the following young bulls
Ready for Service.

1. Born Sept. 28, 1913.
Sire—Prince Ormsby Beets, No. 71712.
Dam—Gretchen Hengerveld Pietertje, No. 79405.

2. Born Oct. 13, 1913.
Sire—Prince Ormsby Beets, No. 71712.
Dam—Netherland Nemesis De Kol 2d Lass No. 129936.

3. Born Dec. 22, 1913.
Sire—Prince Ormsby Beets, No. 71712.
Dam—Blanche of Stony Ridge, No. 154569.

4. Born Nov. 1, 1913.
Sire—Dummerston 36, No. 105043.
Dam—Londonderry Allons Lyons, No. 131426.

These bulls are all well bred and splendid individuals. We hope to give their dams records in the near future.

The dam of Prince Ormsby Beets, **Manor De Kol Lady Burke 3d, No. 79931,** has an A. R. O. record of 24.81 lbs. He is by **Paul Beets Colantha, No. 48269,** who has 12 A. R. O. daughters, one with a 30-lb. four-year-old record.

Dummerston 36 is by the great **Admiral Walker Gelsche, No. 44227.** His dam is a three-quarter sister of the dam of the World s record cow.

Admiral Walker Gelsche, is our Senior Herd Sire.

Herd regularly tested for tuberculosis.

Richard T. Wainwright, Rye, New York

ROYCE STOCK FARM

Herd headed by CHANGELING ABBEKERK PRINCE, one of the best sons of Tidy Abbekerk Prince. Dam, Genesta Netherland De Kol 2d (22.856 as a jr. 4-yr-old). One of the best individual daughters of Changeling Butter Boy. Bull calves from A. R. O. dams, $50 and up.

F. W. ROYCE, Berkshire, N. Y.

SONS OF HERD SIRE

Uneeda Korndyke Abigail Boy 102287

He is son of the 33-lb. cow, Uneeda Korndyke Abigail, "Best cow owned in the herd of John Arfmann." She is daughter of the 40-lb bull, **Johanna McKinley Segis,** son of **King Segis.**

Offer No. 1—Bull born in June from a 24½-lb. cow.
Offer No. 2—Bull born in March from a 20-lb. cow.
Also a number of younger cows.

HENRY ANTHES, Jefferson, Wis.

A CHOICE BULL OFFERED

In KING ORMSBY SEGIS HILLVALE born March 10, 1914, sired by KING SEGIS PONTIAC COUNT, the world's yearly record sire, a brother to the $50,000 bull and the $20,000 calf. Dam, Hillvale Aaggie 24.62 lbs., a sister to Pietertje Maid Ormsby 35.56 lbs., another sister over 33 lbs. The records of his dam and two of her sisters, his sire's dam and four of her sisters, and his sire's grandam, average for the nine 33.09 lb. He will be snapped up quick at the price we will put on him. Write today for pedigree.

Arden Farms, Inc., Merriam Park Sta. — **St. Paul, Minn.**
Jos. M. Hackney, Pres. — **W. J. Young, Mgr.**

Spring Farm King Pontiac

The coming SIRE—coming right along

Notice the records made by his daughters, none of which have freshened but once:

Mollie Aaggie Grace 2d	**3 y 13 days**	**22.85**
Spring Farm Grindetia Pontiac	**2 1-2 y**	**22.00**
Dressie Princess Pontiac	**2 1-2 y**	**21.73**
Spring Farm Lotta Belle Pontiac	**2 y**	**21.67**
Spring Farm Pauline Pontiac 2d	**2 y**	**20 03**
Spring Farm Pontiac Maid	**2 y**	**17.05**

The six average 20.89

Never before in the whole history of official work have the first six freshening daughters of any one bull averaged over 20 lbs.

Never before have five of the first six A. R. O. daughters of any sire exceeded the 20 lb. mark.

Yet bred as he is, by King of the Pontiacs from Tweede White Lady 37.45 lbs. butter in seven days, 1127.85 lbs. butter in a year, this might have been expected. We have sons of this bull from high-class cows Their individuality will please you. They will prove profitable investments at the low prices we ask for them.

STEVENS BROTHERS CO., Liverpool, N. Y.

VANDERKAMP FARMS
HOLSTEIN-FRIESIAN CATTLE.
CLASSY INDIVIDUALS FROM
PRODUCING STOCK IS WHAT WE
OFFER IN A FEW BULL CALVES
BORN JANUARY AND MARCH
SEGIS AND PONTIAC SIRES
29-27-25-24 AND 23 LB.
3 AND 4 YEAR OLD DAMS.
F. C. SOULE & SONS - - - - - - - - - - - SYRACUSE, N.Y.

Bed With Baled Shavings

Best absorbent. Cheaper than straw. Improve manure. Shavings will soon be scarce, prices higher and shipments delayed Better get busy with your order.

Oscar Smith & Son ALBANY, N.Y.
(Eastern States,) New England Baled Shavings Co.
ALBANY, N.Y.

Low Prices
Write for Price

Prompt Shipment

BULLS THAT WILL INCREASE IN VALUE

are those whose near relatives will be officially tested. Chester Co. H.-F. breeders began testing about a year ago and have put over forty cows in the Advanced Register topped by a 30-lb. record. There are many more 30-lb. possibilities in the county and their sons are cheaper now than they will be after the records are made.

Get in touch with the members of the

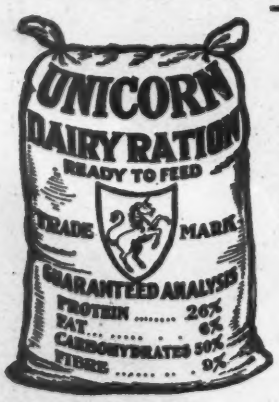
HOLSTEIN-FRIESIAN BREEDERS ASSOCIATION OF CHESTER COUNTY
Philip M. Hicks. Secretary Avondale, Pa.

WORLD'S RECORDS FOR ALL BREEDS OF POLLED OR HORNLESS DAIRY CATTLE ARE NOW HELD BY OUR HORNLESS HOLSTEINS.

Pennsylvania state Holstein record, junior 3-yr-old for 7 days, 30 days and 90 days is held by our KEYSTONE BEAUTY PLUM JOHANNA, 26.98 lb of butter for 7 days; 110.47 lb for 30 days; 316.25 lb for 90 days, continuing in semi-official test.

Only bull calves for sale, from 4 to 8 months of age, at prices from $100.00 up, and guaranteed to produce a large percentage of naturally hornless calves from your horned cows.

DON'T CUT, SAW or BURN the horns off, breed them off. Come and see this herd and be convinced. GEO. E. STEVENSON & SONS
WAVERLY - - - - - Pennsylvania



A Commercially Successful Ration

because it makes the most milk at the least cost. Keeps cows healthy and enables the use of the most roughage.

Made of Ajax Flakes, choice cotton seed meal, linseed meal, gluten feed, brewers' grains, malt sprouts, hominy meal and very small amounts of wheat bran. THAT'S ALL.

A Quality Feed at the Right Price.

The Standard Ration on More Up-to-date Dairy Farms than any Other One Feed

Write us for our free book on Modern Methods for Milk Production

Eastern Selling Office
7 R Merchants Row
BOSTON, MASS.

Chapin & Co.

Western Selling Office
Box R
HAMMOND, IND.

At the head of the Island Farm Herd,
Stands a bull of Bessie fame.
If you want to keep ahead of him
Better start on an early train.

A half brother to Grace Fayne 2d's Homestead
Heads the Cottonwood Grove Herd—
Of course, you know when her record was made,
How the whole dairy world was stirred.

Mr. Marks' Mutual Fobes Longfield De Kol
Has a 30-lb 3-yr-old dam.
I guess that's got us all "going some"
So beat it if you can!

A son of a 33-pound cow,
Of Chicago International fame,
Is owned by a man in Ridgefield,
And Geo. A. Gue is his name.

Last but not least, is a Grand Champion bull,
Of the Oregon State Fair.
He stands at the head of Cloveridge Herd,
You can always see him there.

Surely you won't mistake me;
I want my meaning clear.
There never was a better lot
Than these consignors here.
They're every one of them true blue—
On them you can rely,
So get into this Holstein "Frat"
E'er another year rolls by.
THE Sale will be held at the Stock Yards
On the 11th and 12th you know,
And of course if you're in Portland,
You'll go out to the Big Show.
But this fact just be remembering
And be sure you don't forget—
This sale's the "Quality Sale of the West"
The best that's been held yet.
Nov. 4th, 1914. E. E. G.

George A. Gue, Ridgefield, Wash., writes.—I just closed a three days' sale at Ellensburg, Wash., where our firm sold 2,000 head of hogs, horses and grade Holsteins from the ranch of W. W. Robinson. It was a cash sale but everything pointed to the fact that our ranchers are anxious to get well stocked up for the future trade with Europe and the high prices that the European war is creating on our export food stuffs.

The grade cattle sold from $30.00 for week old calves to $175.00 for cows, one grade cow, 14 years old, bringing $80.00. The black and white cow looks good to the Western cow man.

The Munroe Company, Spokane, Wash., writes—The young bulls which which we have been reserving for the December Portland Sale have been making wonderful growth and are all in fine condition. As each one carries immediately the blood of the great producing Bessies, either by Champion Bessie's son or her sire, we know that each of them will be a great opportunity for purchasers to head their herd with a great combination of World's record blood—not in the dim distance, but in their first sires and several of them in their first dams.

The females we are offering are all bred or will be bred if possible to the FULL BROTHER or SON of the World's Champion Bessie. This will give their offspring at least fully 50 per cent of the blood of this great cow. Their daughters in our herd are giving great promise.

If one notices the values placed upon the service of great sires as advertised in our leading dairy papers, it is easy to see that the values of

these females are very greatly enhanced by being bred to these great sires.

We will be on the spot with our consignment in much better shape than last year.

Bert J. Butts, Sherburne, N. Y., writes—The first week of my advertising in the World brought request for pedigrees and chart markings. As a result have sold to W. A. Smith, Union City, Pa., bull, Korndyke Johanna Pauline, No. 139026. His sire, Prince Korndyke Johanna, is from Sir Korndyke Manor De Kol and Johanna Korndyke, 31.646 lb. His dam, Pauline McGinty Ingalls, is a 26.592 lb 3-yr-old granddaughter of Lilith Pauline De Kol's Count. This 29-lb youngster is a fine individual, nearly ready for service.

I have also sold to Evan Wilcox, Sherburne, N. Y., the bull, Korndyke Lona Pontiac, No. 139025, advertised in World. This bull carries a large per cent of Korndyke blood, being a great grandson of Pontiac Korndyke, Pontiac Pet and King of the Pontiacs and should prove a credit at the head of any herd. We wish Mr. Smith and Mr. Wilcox, Holstein success.

Dr. John C. Sharpe, Blairstown, N. J., writes: Referring to my advertisement in the November 7 issue, while it contains some strong statements, I believe they are all most emphatically true. I am aware that it is quite a claim to say that my two herd sires possess the greatest transmitting blood of the breed, but I do not know what other herd can show two herd bulls backed by greater prepotency than the bulls of the Meadow Brook Farm.

I am looking for a good report from Mr. Hastings' office concerning the 30-lb progeny of the three generations immediately preceding Sir Prilly Walker. I think the list made last year will be largely increased by the reports since that time.

A. A. Hartshorn, Hamilton, N. Y., writes—We have sold the son of Buttercup Clothilde Pietertje, which we advertised in your paper a short time ago, to Messrs. D. B. Utter & Son, Georgetown, N. Y. These gentlemen should be congratulated in being able to place at the head of their herd such a great bred sire.

His dam, Buttercup Clothilde Pietertje has a record of 32.91 lbs of butter in 7 days and 123.17 lbs in 30 days and she with her daughter and granddaughter is the only family of three generations each having 7-day butter records exceeding 31½ lb and also the only family of three generations whose 30-day records average 126.58 lb. The sire of this young bull is our King of the Black and Whites and the average records of his dam, two grandams and four great-grandams is 31.04 lbs. Four of the number have produced 30-lb daughters that have also produced 30-lb daughters. All but one of the seven are 30-lb cows.

This young bull also traces four times to Clothilde Goudgeld Hugo, the bull that has sired as many families having three generations of 30-lb cows as all the other cows of the breed combined, he being the sire of

EMBLAGAARD HERD

Sires in service:

Colantha Johanna Champion 45674. The proven son of Colantha 4th's Johanna.

Emblagaard Prince 80596. A son of Segis Walker Pietertje, 27.85 lbs. at 3½ years. His sire's dam, Abby Hartog Clothilde, 31.39 lbs., and dam's dam, Ruby Walker Pietertje, 30.21 lbs., are two of the only 30-lb. cows of the breed that have produced 30-lb daughters, that have also produced 30-lb. daughters.

EMBLAGAARD DAIRY BIG BAY, MICHIGAN

JENNINGHURST STOCK FARM
TOWANDA, PA.

Home of RAG APPLE KORNDYKE the greatest son of Pontiac Korndyke offers a few choice bull calves.

W. W. JENNINGS, TOWANDA, PA.

Here They Are

Two young bulls from three to five months old, all sired by Willowbridge Butter Boy De Kol 2d, 86142. They are nice ones and are priced to sell
Herd not tuberculin tested, we have rugged healthy cattle.

O. L. IVES
Greenview Herd, Guilford, N. Y.

Grandson of Pontiac Korndyke. Sired by one of his best sons
SIR PONTIAC ROXIE KORNDYKE
No. 12—Born Mar. 20, 1914 3-5 black, a nice individual and well grown. Dam made 24.96 butter and 508 lbs. as junior 4-yr-old. Price $200 00. Several others from good A. R .O. dams. Inquire about them before buying.

PEACEFUL VALLEY FARM
Oxford Depot .·. Orange County .·. New York

BONNIE VIEW FARM

THE HERD IS HEADED BY

Spring Farm King Pontiac 5th 103398

His dam and sire's dam average:—

Butter 7 days,	36.17
Butter 30 days,	140.62
Butter 365 days,	1035.75
Milk 365 days,	19662.90
Per cent. fat,	4.21

The highest record son of Spring Farm King Pontiac, who in turn is the highest record son of King of the Pontiacs.

JAMES GIBSON, Prop.
WHITE PLAINS, N. Y.

30---Cows and Heifers---30

All that have freshened have A. R. O. records

Nearly all are bred to Aaggie Cornucopia Johanna Lad Jr.
"The greatest prize winner and sire of prize winners."
These are the first females ever offered for sale from the Grahamholm Herd, and are offered

To Reduce Stable Capacity

They are "good goods" and their calves will be better yet.
The prices are attractive too. Write or wire.

W. J. BOYNTON, Mgr.

Grahamholm Herd **Rochester, Minn.**

THREE FEMALES FOR SALE

Two three-year-old heifers and one two-yr-old. All well bred, in calf to a bull well lined with 30-lb. blood. Price $700.00.
Four fine young bulls about ready for service. Write and let us tell you about them.

BELVOIR FARM Lake Geneva, Wis.

Daughter of the $50,000 Bull for Sale

We offer a nice daughter of the $50,000 bull, King Segis Pontiac Alcartra, and from a 17-lb. 3-year-old. Calf was born June 2d, 1914, over ¾ white and a very fine individual. You will have very few chances to buy daughters of this bull so get busy.

J. H. PHELPS & SON

CRESDALE FARM **VERNON, N. Y**

MARBLE VALLEY STOCK FARM

Offers Bull Calf born March 12, 1914. Sire—Inka Princess Mutual De Kol Son.

Dam's record, 711.9 lb. milk, 33.25 lb. butter; 30 days, 3145.3 lb. milk, 128.73 lb. butter. Dam of calf a 15.85 Jr. 2 yr.-old daughter of a 37.68-lb. bull.
This calf is 4-5 white, a fine individual Price $150 F. O. B. cars.

ROBERT F. MEAD, West Rutland, Vt.

FAIRVIEW FARMS

Offer for sale four nice young bull calves sired by Maplecrest De Kol Paul, a son of Friend Hengerveld De Kol Butter Boy and Maplecrest Pontiac Highlawn, 30.72 lb. at 4 years.

No. 1—Born Oct. 2; about two-thirds black; dam a 20.67 lb. three-year-old, granddaughter of the King of the Pontiacs and from a 31-lb. cow.

No. 2—Born Sept. 27; about two-thirds black; dam a 20.8-lb. three-year-old daughter of King Pontiac Artis.

No. 3—Born Sept. 21; more white than black; dam a 13.2-lb. two-year-old, granddaughter of Pontiac Korndyke and from a 19 lb. sister of Blanche and Betta Lyons Netherland.

No. 4—Born Aug. 5; nearly all white; dam a 13.5-lb. granddaughter of Pontiac Korndyke.
Write for pedigrees and prices.

Richard T. Eastman, **Littleton, N. H.**

two such families and there are only four such families of the breed.

This young sire combines in the strongest possible manner the blood of three of the four families having three generations of 30-lb cows. He also traces to the great old cows Lillian Walker and Prilly, thus giving him the strongest transmitting blood that it would be possible to combine in any one animal.

With the fine young females already in their herd, the success of these gentlemen is only a question of time as a combination of such blood cannot fail to bring about the best results.

John Whaling and Sons of Carthage, N. Y., have recently purchased a well bred bull, to head their select herd of Holsteins, from W. D. Ball, of this place. The bull, Elmcroft Sir Concordia Korndyke the 2d, No. 76544. Sired by a son of Pontiac Korndyke, with 102 A. R. O. daughters, 44 producing sons, 46 producing daughters, dam of Elmcroft Sir Concordia Korndyke 2d, is Aaggie Pontiac Wayne Korndyke, No. 93264. Record is 30.76 lb butter in 7 days and 510.8 lb milk. Her sire is Pontiac Korndyke. Her dam Aaggie Korndyke Pauline Wayne. Record 20.06 lb butter in 7 days. Dam of Aaggie Pontiac Wayne Korndyke, record 30.76 lb butter, and Fairview Aaggie Wayne Korndyke, record 21.56 lb. butter in 7 days. Her sire is Pontiac Korndyke. His third dam, Aaggie Wayne Pauline De Kol, was sired by Aaggie Wayne Sir Paul De Kol No. 25408. Record 22.51 lb butter in 7 days, 516.8 lb milk in 7 days. Dam of Aaggie Vale Pauline De Kol, record 26.88 lb butter in 7 days, 530 lb milk in 7 days and Aaggie Korndyke Pauline Wayne, record 20.06 lb butter in 7 days, 458 lb of milk in 7 days and also has two other A. R. O. daughters, and one producing son and three producing daughters. Fourth dam, Anna Huizumer's Antje Princess No. 41720. She is the dam of Aaggie Wayne Pauline De Kol, record 22.51 lb butter in 7 days and Calamity Wayne Pauline, record 30.24 lb butter in 7 days and 116 lb of butter in 30 days and 904 lb of butter in semi-official test. Anna Calamity Wayne, record 17.62 lb butter in 7 days and also had three producing daughters and two producing sons. Elmcroft Sir Concordia Korndyke 2d, traces three times to the greatest of sires, Pontiac Korndyke, who has 11 daughters producing from 30 to 38 lb of butter in 7 days. He is the grandsire of sixteen granddaughters 30 to 44 lb. butter in 7 days. He is a splendid individual 3 years old and weighs about a ton.

Liverpool Sale & Pedigree Co., Liverpool, N. Y., write—The Dollar Dispersion Sale is expected to be the greatest thing of its kind that ever happened in Holstein history. Never before have animals of this breeding and quality been offered at public auction. Never before has a high class herd as large as this one been publicly dispersed. Never before have so many cows with records better than 30 lbs been sold in any one sale, nor do we know any herd sire equal to

Rag Apple Korndyke 8th ever being in a public sale.

One of the few indications of the value set upon animals of this line of breeding is the fact that only two daughters of Rag Apple Korndyke 8th have ever been sold in public auction one brought $750 this fall at the Towanda Breeders' sale, this being the top price at the sale, another daughter as a calf was sold in one of our sales this fall and brought $500.

It should also be remembered that King Segis Pontiac Chicago the $20,000 bull is quite closely related to the junior herd sire of the Fairview Farms.

The many high record cows and the splendidly bred young bulls that will be sold at this time will undoubtedly attract breeders from all parts of the country and is well worth while the attention of your readers.

G. H. Truckell for Stevens Bros. Co., Liverpool, N. Y., writes—As many of your readers are already aware our office with practically all it contained was burned Friday, November 6, in consequence, we shall have to disappoint our many friends who have written for catalogues.

Life is a mosaic and good things and bad things are intermingled. Among the good things at this time is a letter received from Mr. W. G. Comstock of Clinton, New York, in which he says "I have tested two daughters of your herd sire, Spring Farm King Pontiac, and thought you might be interested in the results, Molly Aaggie Grace 2d at 3 y 13 days, produced at first calving 22.85 lb butter in 7 days and Dressie Princess Pontiac at 2 y 8 months 21.73 lb butter in seven days. These heifers were given no extra care and they stood in the stable with the other cows during the test. I have entered them in semi-official test and think they will make good records."

This makes six A. R. O. daughters for our great bull, Spring Farm King Pontiac, five are above 20 lb and the entire six average 20.89 lb butter in seven days. This is certainly a remarkable showing for the first six daughters of a sire to be tested. With his great breeding, splendid individuality and the wonderful records being made by his daughters, all of which were in their first lactation periods, we anticipate a wonderful future for Spring Farm King Pontiac.

WATER IN THE STABLE A NECESSITY- - -

THE "BUCKLEY" Device

for watering stock is the leader. Why not use the best? Write to the manufacturers for a descriptive circular.

POUGHKEEPSIE FOUNDRY & MACHINE CO.
Poughkeepsie, N. Y.

WANTED

30-lb. cows. A dozen or more. Must be good individuals, at right prices.

John Arfmann, Middletown, N.Y

Two Very Special Offerings

Sons of our junior sire King Segis Pontiac Canary, whose two nearest dams average over 34 lb.

No. 1. Born March 1, 1914, is out of a 26.95 lb. 3-yr.-old that holds the World's Record for 100 days as a junior 2-yr.-old. The second dam is a 20-lb. 3-yr.-old daughter of Lilith Pauline De Kol's Count, while the third dam is a 24-lb. daughter of Lilith Pauline De Kol Beryl.

No. 2. Born April 20, 1914, is from a 28-lb. 4-yr.-old daughter of Lilith Pauline De Kol's Count. Four of his nearest dams average 31.38 lb.

These two calves are priced to sell—in order to make room for the youngsters coming on. Address

Lamb & Langworthy

East Hamilton :: :: New York

PHELANDALE HERD

Offers bull calves sired by Dutchland Colantha Sir Inka, from cows with records from 23 to 25 lb. butter in 7 days and Semi-Official records from 590 to 825 lbs. butter. We also have bull calves from daughters of the above bull, whose first three junior two year-old daughters average over 700 lbs. butter and over 17000 lbs. milk. The sire of these calves is Hengerveld Homestead De Kol, whose three nearest dams average 30.49 lb. butter and 644 lb. milk in seven days. His dam (at 3½ years) and sire's dam average 919 lb butter and 20092 lb milk in semi-official test. If you want to breed from large yearly producers, with a normal per cent. of butter fat, let me describe what I have to offer.

Prices: $150 to $200.

JAMES PHELAN

Forestville, Chautauqua Co., N. Y.

King Lunde Pontiac Korndyke

No other son of King of the Pontiacs has a dam with as great a combined semi-official yearly milk and butter record.

His dam, one of the finest individuals of the breed, produced 120 lb. milk in 1 day, 10191.9 lb. milk in 100 days, 26192.7 lb. in 1 year, 30.82 lb. butter in 7 days, 1090.91 lb in 1 year.

He is brother to the only 44 lb. cow, also to the only 1000 lb. year record 2-yr.-old.

His 4 nearest sires have 404 A R. O. daughters, 25 with 30 to 44 lb. They each have 1000 lb. year record daughters.

THE SELECTION OF THE PROPER HERD SIRE

should eclipse all other items in building up a herd

He should be strong, vigorous, and of the highest type of individuality, backed by a continuous line of ancestors of the same individual merit, having official records showing a normal persistent production of large quantities of milk and butter.

These are the qualities which insure transmitting power.

The GREENWOOD HERD

Offers such a young bull. King Lunde Pontiac Korndyke 13, "born Sept. 11," 1913, a grand individual, about evenly marked 10 of his nearest dams average 25.17 lb. Dam, Betta Greenwood No. 122862. Butter 3 yr. 23.72 lb. Milk 5123 lb, an easy candidate for 30 lb. Her sire by a son of Pietertje Hengerveld's Count De Kol, and from Betta Lyons Netherland, a 34-lb. cow having a 34-lb dam that has produced 4 daughters averaging over 30 lb. Dam's dam by a brother to four 30-lb. cows, one with 37 lb, another a 35 lb 3-year-old.

We have several others to select from, also some extra good females to freshen soon, in ca to our good herd sires. Visit our herd or write us just what you want

E. H. KNAPP & SON **FABIUS, N. Y.**

P. S.—Watch this space.

SECOND ANNUAL

Pacific-International Holstein Sale

At Portland, Oregon Union Stock Yards

December 11 and 12, 1914

The best and largest Holstein sale ever held on the Pacific Coast.

The offerings number close to 200 head of unblemished, tuberculin tested cattle, personally inspected and guaranteed to be right. We can make only the briefest mention of the various consignments which include the following:

Consigned by Twin Lakes Farm, Kapowsin, Wash.
A daughter of the 26½-lb. cow, Clothilde Imperial Beauty 3d;
Three daughters of the 27-lb. sire, De Kol Segis Burke;
A daughter of the 29-lb. sire, Mutual Pietertje De Kol;
A daughter of the 30-lb. sire, Fobes Mutual Longfield;
A daughter of Sir Ormsby Burke Jewel, whose dam has a record of nearly 27 lb. at 4 yr.;
Three dozen others of Twin Lakes quality.

Consigned by William Bishop, Chimacum, Wash.
Seven daughters of Oakhurst King Witra, who is a son of the Milk and Butter King, from the 24-lb. foundation cow, Witra 2d. These daughters are all coming 2 years old and will make an excellent foundation for a herd;
A son of the 22½-lb. 2-yr-old Chimacum Wayne Boon 2d, whose dam has a record of 33.69 lb. butter in 7 days as a 4-yr-old;
Six daughters of the 27-lb. sire, Violet Blossom Sir Fayne;
Two daughters of Karel Bos 4th, who was by Karel Bos and from a 25.93-lb. daughter of a 25½-lb. dam.

Consigned by A. C. Mills, Ferry, Wash.
A daughter of Spring Farm King Pontiac 2d, who was by Spring Farm King Pontiac and from a 29.72-lb. daughter of Pontiac Hengerveld Parthenea;
A daughter of the 28-lb. sire, Sir PontiacParthenea Hengerveld;
A daughter of the 25-lb. sire, Walker Korndyke Wayne, a young bull whose two nearest dams have 7-day butter records averaging over 25 lbs.;
A dozen others of like quality.

Consigned by Munroe Company, Spokane, Wash.
Several young sons of Sir Bessie Johanna Fayne from A. R. O. dams of splendid breeding.
A 25-lb. cow with a 30-day record of over 102 lb. who gave 97 lbs. milk in one day at the close of her test;
A 16-lb. 2-yr-old daughter of Governor Walker, from an 18-lb. 3-yr-old dam;
A daughter of Johanna Bonheur Fayne from a daughter of the 32-lb. cow, Frenesta Hengerveld De Kol.
The animals of the Munroe consignment are strong in the blood of the world famous Jessie Fobes Bessie Homestead, long famous as the World's Champion in the 30-day division, and still in the lead.

Consigned by Hugh Nisbet, Chimacum, Wash.
The bull Segis Riverside Pontiac, a son of King Segis Pontiac Emperor and the 31-lb. cow Jane Korndyke of Riverside. (See his picture on front cover of Oct. 31 World). 18 of his nearest dams average over 26 lbs. butter in 7 days. He has never been defeated in the show ring;
A number of young cows and heifers some of which have been bred to Segis Riverside Pontiac.

Consigned by Geo. A. Gue, Ridgefield, Wash.
Lady Whitehall Hengerveld, daughter of a 31.86-lb. sire and from a sister to a 31-lb. cow;
A daughter of the 26-lb. sire Peck Butter Boy;
Others of like quality bred to the 33-lb. sire, Hazelwood De Kol Hengerveld.

Consigned by Hollywood Farm, Hollywood, Wash.
The young bull Hollywood Springbrook Artis, whose two nearest dams average over 28 lb., also Hollywood Canary Millie, whose three nearest dams average over 27½ lb. each and Hollywood Springbrook Palmyra, whose dam and grandam average over 28 lb.

Consigned by E. B. Marks, North Yakima, Wash.
The bull Model Annie De Kol Segis, whose dam has a record of nearly 31 lb. and the next dam over 31 lb. butter in 7 days. This bull is too well known to require special comment;
Daughters of Christopher Colombo, a 29-lb. son of De Kol 2d's Butter Boy 3d;
A daughter of the 28-lb. sire, Sir Korndyke Wayne;
Daughters of Mutual Fobes Longfield DeKol, whose breeding and show quality and character of offspring distinguish him as one of the great sires of the West.

Other Consignments include several head from the herds of such well known breeders as J. C. Roberts, Battle Ground, Wash., Stickney & Barnard, Portland, Ore., Albert Johnson, Scappoose, Ore., and W. K. Newell, Seghers, Wash.

The Catalog, illustrated with photographs of many of the finest animals of the breed in the West, will give you the pedigrees of all the cattle in the sale and is yours for the asking. If you are interested in building up the dairy industry on the Pacific Coast do not fail to attend this sale. Its quality is assured by the high character of its consignors and their offerings will be representative of the herds from which they come.

GEO. A. GUE. Manager, Ridgefield, Wash.

SPRING FARM HERD

OFFERS CHOICE BULLS SIRED BY
KING KORNDYKE PONTIAC LASS
FROM DAMS WITH FINE RECORDS
FIRST COME FIRST SERVED

FRANCIS M. JONES

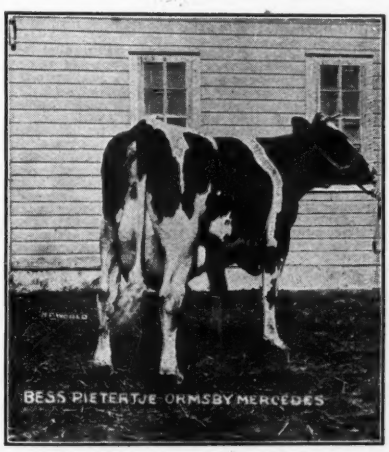
Clinton, Oneida County, New York

P. S. The first three sons of King Korndyke Pontiac Lass sold at an average of $3,000.00 each.

BREEDERS AND DAIRYMEN

IF IN NEED OF

A PURE BRED HOLSTEIN-FRIESIAN DAIRY SIRE



Bess Pietertje Ormsby Mercedes, 154367. World's record junior three-year-old for milk production, A. R. O. 7 days, 578.2 lbs milk, 31.305 lbs. butter; 30 days, 2,483.2 lbs. milk, 118.41 lbs. butter; 60 days 5,039.9 lbs. milk, 229.54 lbs. butter. Owned and bred by E. C. Schroeder, Moorhead, Minn., U. S. A.

WHY not buy a son of "Sir Pietertje Ormsby Mercedes" whose dam has an official Record of 35.56 pounds of butter in seven days and 145.66 pounds of butter in thirty days "World's Record" year1911. His oldest daughter, Bess Pietertje Ormsby Mercedes at the age 3 yrs. 3 mos., just finished an official record of 114.1 pounds of milk and 5.36 pounds of butter in 24 hours and 3096 pounds of milk, 131 pounds butter in thirty days, "World's Record" for milk production for her age. Another one of his daughters, "Queen Piebe Mercedes" as a two-year-old just completed an official record of 29.85 pounds of butter in seven days, World's Record for her age. All of his junior two-year-old heifers, 23 in all, averaging 25 months of age, made Official Records averaging 20.06 pounds of butter each in seven days. His daughters are not only winners in Dairy Contests but are the kind that win in the show ring. His daughters won first prize at the National Dairy Show at Chicago, Illinois, U.S.A., three successive years. Jun or Championship two years out of three and first prize "Get of Sire" one year and Grand Champion Cow year 1912. And at the Canadian Industrial Exposition 1914, one of his daughters won the Grand Championship and four of his daughters were in the first prize "Graded Herd." This Sire is not only the sire of prize winners in Show Ring and Official Milk and Butter Contests but himself is the winner of Junior Championship at Minnesota and Wisconsin State Fairs.

My Herd consists of nearly One Hundred head of pure bred Holstein-Friesian Dairy Cattle.
All cows of milking ages having official milk and butter fat records, not only seven and thirty day records but also yearly records.
My slogan is "Size, Constitution and Type with High Production."

E. C. SCHROEDER MOORHEAD, MINNESOTA, U. S.A.

The Three Greatest Foundation Cows

Belle Korndyke–DeKol 2d–Netherland Hengerveld

They have stood the test of time, and are more popular to-day than ever before.

Korndyke Butter Boy carries 87½% of the blood of these three cows —a greater amount than any other sire in active service.

He is just commencing his career as a sire of high record stock, and is bound to be numbered with the breed's greatest sires.

Wouldn't you like to own one of his sons while they can be bought at a reasonable price?

Here is your chance

A son of Korndyke Butter Boy, from a

25-lb. 2-yr.-old

A daughter of Pearl of the Dairy's Joe De Kol. A splendid individual. Slated for a proportionately large record next time.

This calf was born last March, and is individually just as good as his breeding.

Send for his pedigree and price, and then tell us where you can duplicate the bargain.

HARRY B. DAVIS

Davisdale Herd **CHESTER, N. Y.**

CHENANGO VALLEY STOCK FARM

Herd headed by

PRINCE RAG APPLE KORNDYKE, No. 73415

Sire— Pontiac Korndyke.

Dam— Fairview Rag Apple Korndyke.

WHITMAN A. FOLLETT NORTH NORWICH, N. Y.

King of the Black and Whites

Bull born Jan. 4, 1914. Dam: Lockhart Lilith Bell 15.53 lb. butter in 7 days as a two-year-old. Will be tested again in February. She is full sister to Lockhart Lilith, my thirty-pound three-year-old. Price $500 or will sell one half interest for $250 in New York State.

EUGENE LAMUNION **Lockhart Holstein Farm** SOLSVILLE, N. Y.

Maplemont Farm

Offers a bull born March 15, 1914, which combines the greatest producing lines of the breed. Sire—Pietje Alcartra Fayne 88972. Average of four nearest dams 32.19 lb. of butter in 7 days. Dam—Kearsarge Pontiac Creamelle De Kol, 4 yr. 1 mo. Butter 7 days, 23.914 lb. Granddaughter of De Kol Creamelle, dam of the cow that holds the World's Record for milk production. This calf is a perfect individual and is a ¾ brother to the bull that sold for $800 at Worcester, and brother, by the sire, to the bull that won the Junior Championship at Brockton Fair 1914. Price $500 delivered.

J. W. PRENTISS & SON

Alstead, N. H.

COL. D. L. PERRY

THE

HOLSTEIN AUCTIONEER.

I also sell satisfaction.

COLUMBUS, OHIO.

HOLSTEIN AUCTIONEER

To insure the success of your sale you need Kelley in the box.

For dates write

Col.B. V. KELLEY. **Syracuse, N. Y.**

A SUSSESSFUL HOLSTEIN SALE requires THE RIGHT AUCTIONEER

Satisfied patrons all over the country testify to the quality of my work. For dates and terms address

COL. CAREY M. JONES

14 No. Sacramento Blvd. . Chicago, Ill.

YOUR HOLSTEIN SALE needs MACK

Always on the job—for RESULTS.

In the box or in the ring.
For dates address

COL. J. E. MACK

Ft. Atkinson Wisconsin

When in need of an Auctioneer

LET WHITE DO IT

Long experience with Holsteins and thorough training in Jones' Auctioneering School, Chicago.

Dates made anywhere.

ROY WHITE

Woodstock Illinois

BLUE BOOK

Every Holstein Breeder Needs the Blue Book to Aid Him in Making His Breeding Operations Successful.

Have you subscribed for the 25th volume? You can not afford to be without it. All experienced breeders consider the book indispensable in tracing the breeding and relationship of A. R. O. animals. The 25th volume will be ready for distribution in October. It contains about 1,000 pages of condensed information relating to Holstein-Friesian cattle, including whole Advanced Register of last year. The official name of the book is Advanced Register Year Book, and the price is $2.00 per copy to all. Send all applications with price to

M. H. GARDNER, Supt. A. R.
Delavan, Wis.

"Of the Breeders By the Breeders For the Breeders"

Handy Herd Register (loose leaf)—Nothing better in its line.
Pocket Herd Guides—The owner and herdsman's friend.
Official Record Test Books—The best on the market.
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Pedigrees and Catalogs compiled.
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Consignment & Dispersion Sales.

Liverpool Sale and Pedigree Co.
Liverpool, N. Y.

DOLLAR DISPERSION SALE

AT THE

SYRACUSE SALE PAVILION

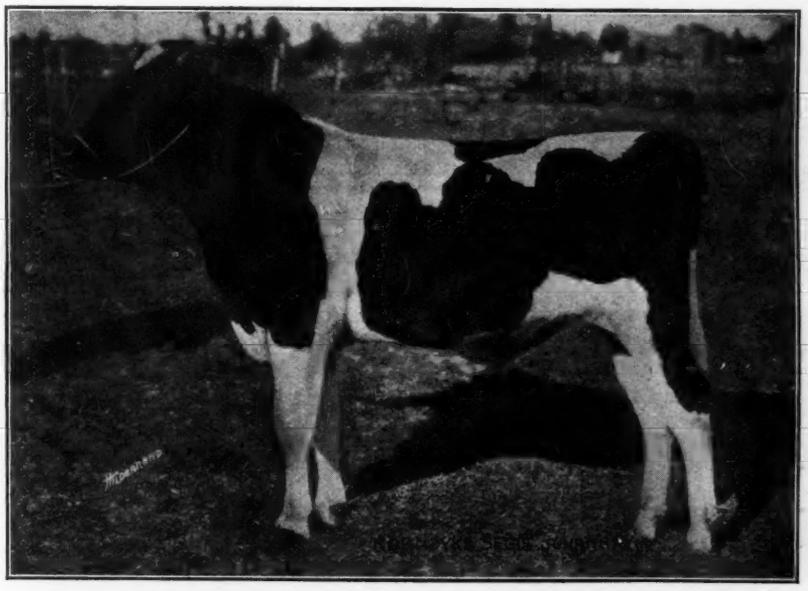
170 Head January 5th and 6th, 1915 170 Head

Not only 50 daughters of **Pontiac Korndyke,**
Not only the great **Rag Apple Korndyke 8th,** and between 50 and 60 of his sons and daughters,
Not only any number of cows and heifers with official records ranging from 25 to 38 lbs.,
But also the grandly bred young bull

KORNDYKE SEGIS JOHANNA

He by Johanna McKinley Segis from Pontiac Lady Korndyke 38.03 lbs., she by Pontiac Korndyke from Lady Korndyke Pauline De Kol, 29.14 lbs. as a four-year-old. The three nearest dams of Korndyke Segis Johanna average 35.75 lbs. butter in 7 days.
Also other young bulls and heifers that nearly equal these figures.

Plan to attend and don't forget the date, Jan. 5 and 6, 1915, at the SYRACUSE SALE PAVILION



KORNDYKE SEGIS JOHANNA

For catalog address Liverpool Sale and Pedigree Co., Inc. Liverpool, N. Y.

LORENZO FARM

Herd sire—Lorenzo Pontiac Korndyke

THE 31-LB. SON OF THE GREATEST SIRE
Carrying 75% of the blood of PONTIAC KORNDYKE

His dam is Pontiac Queen Korndyke, a 31-lb. daughter of Pontiac Korndyke.
His grandam, a 25.7-lb. cow, has demonstrated her wonderful transmitting power.
Lorenzo Pontiac Korndyke is going to be given an opportunity to show his worth in our select herd.

Chas. S. Fairchild, Prop., Cazenovia, N. Y.

N. B. We can offer a few young sons of Lorenzo Pontiac Korndyke, from good record dams.

They Keep Coming

We have just completed the record on the sixth 30-lb. daughter of Sir Veeman Hengerveld. The daughters of Sir Korndyke Pontiac Artis during the past year have made eight 2-yr.-old records from 20 to 25 lb. This makes a total of thirteen 20-lb. 2-yr.-olds out of his total of 40 A. R. O. daughters.

Isn't it good business to get your next sire from a herd where his value will be constantly increased by the work of his near relatives?

We are offering a young bull born Feb. 7, 1914, an exceptionally fine individual, in color a little more black than white.

His dam, a 21-lb. junior 2-yr.-old, was by Sir Korndyke Pontiac Artis, and from a 27-lb. 4-yr.-old daughter of Sir Veeman Hengerveld. The dam is a very promising heifer in my herd at present, where we expect she is going to continue her good work as she matures.

His sire is King Korndyke Sadie Vale, our junior herd sire, who was by King Segis De Kol Korndyke, the great son of King Segis and Pontiac Clothilde De Kol 2d, the first 37-lb. cow, and from the 30-lb. 3-yr.-old daughter of Sadie Vale Concordia, the first 30-lb. cow. His three nearest dams average 32.80 lb.

(See his photograph in August 29 issue).

The six nearest dams of this calf, including a 2-yr.-old, a 3-yr.-old, and a 4-yr.-old, average 29.74 lb.

You will be surprised at the way we are pricing this youngster, for delivery after the Federal Quarantine for Foot and Mouth Disease is lifted.

Address:

W. D. Robens, Pleasant Hill Herd

POLAND, N. Y.

Yes, there is more noise
It comes from
New York, Wisconsin and Illinois
State Fairs

A SWEEPING RECORD. THAT'S US

At the above **Big Holstein Shows** Senior Champion, Junior Champion and Grand Champion Males come to us. Besides winning on all female classes and Grand Champions we win First Dairy Herd, Exhibitors' Herd, Breeders' Young Herd, Calf Herd, Get of Sire and Produce of Cow. Our stock must be **good lookers, eh?** They seem to like them. Our Herd is not alone **choice individuals** but we have 20-lb. cows, 30-lb. and 40-lb. cows with many daughters of Hengerveld De Kol, Paul Beets De Kol, Pontiac Korndyke, De Kol 2d's Butter Boy 3d, King Segis Pontiac, Johanna McKinley Segis, Oakland Paul Beets Burke, Woodcrest Hengerveld De Kol.

King Segis Pontiac and Johanna McKinley Segis

heads the herd and a son of theirs from a good dam would help your herd along in both breeding and quality. We have stock for sale.

R. E. HAEGER :: Algonquin, Ill.

OUR JUNIOR SIRE

Pontiac Aaggie Korndyke

Pontiac Aaggie Korndyke, our Junior sire, now has seven 30-lb. daughters which is more than any other living sire has. Only two other sires that ever lived have more 30-lb. daughters than he now has. One is his own sire and the other the sire of his dam.

He is the only sire of the breed having six 30-lb. daughters before attaining the age of nine years.

He is also the only sire of the breed to have three 1000-lb. daughters before attaining the age of nine years.

At the present time Pontiac Korndyke, the sire of our Junior sire Pontiac Aaggie Korndyke, has fourteen 30-lb. granddaughters through his sons. Seven of the fourteen are daughters of Pontiac Aaggie Korndyke so that our junior sire has produced as many 30-lb. daughters as have all of the other sons of Pontiac Korndyke combined. This shows not only the great prepotency of Pontiac Aaggie Korndyke but also the great prepotency of the cows with which he has been mated.

THE MAPLECREST STOCK FARM CO.

Successor to DAN DIMMICK & BRO.

Telephone Connection between Farms and Office

Office at KALAMAZOO, MICH. **Farms at EAST CLARIDON, OHIO**

GREEN ACRE FARMS

OFFER FOR SALE

A Choicely Bred Bull Calf--JOHANNA CREAMELLA FAYNE'S LAD 128255

Born January 27, 1914

Sired by **Lewis Prilly Rouble Hartog 2d** No. 63776, whose three nearest dams average over 30 lbs. butter in 7 days and within a fraction of 124 lbs. in 30 days.

The dam of this calf, **Johanna Creamella Fayne,** No. 130536 is the **World's Record Heifer** under 2 years of age. Butter record 23.56 lbs. in 7 days; 30 days 94.39 lbs.

Here, gentlemen, is a grandly bred individual and one that will grace any herd and the price is within reason.

Any further information relative to the above offering will be cheerfully furnished upon application.

Also, thoroughbred registered Berkshires for sale. We are now booking orders for May and June pigs. Price, $20.00 per pair, not akin.

GREEN ACRE FARMS

JOHN A. MILLER, Proprietor
Nazareth, Pa.

CALVIN TOBIAS, Supt.
R. F. D. No. 1

King Segis Pontiac Chicago

The bull whose purchase in the June, 1914 Sale for $20,000.00 was the sensation of the year.

His Sire: King Segis Pontiac, who has more sons at the head of good herds than any other sire.

His Dam: Johanna De Kol Van Beers, who produced not only 40 lb. of butter in seven days, but under Official Test produced nearly 10,500 lb. milk and over 540 lb. of butter in 120 consecutive days Official Test, thus producing an average in seventeen consecutive weeks of nearly 32 lb. of butter per week.

His Sire's Dam: Pontiac Clothilde De Kol 2d is not only distinguished for having made three records over 30 lb., but in Official Test produced over 37 lb. of butter in seven days, followed by a year's record of over 25,000 lb. of milk, testing over 4%, making more than 1,000 lb. of butter fat, when she again freshened and produced over 32 lb. butter in seven days.

His Sire's Sire: King Segis, lived only six years, but was the sire of eighty-three A. R. O. daughters, seven over 30 lb. and fifty-eight proven sons.

His Dam's Sire: Sir Johanna De Kol, was a brother to Colantha 4th's Johanna, and his dam's dam, Netta Netherland Van Beers, was the first cow Officially Tested in the State of Wisconsin which was many years ago, and at the age of twelve years produced over 18 lb., easily the equivalent of 30 lb. to-day.

King Segis Pontiac Chicago, now seven months old, has extraordinary development and possesses great individual merit.

The Bull of Outstanding Lineage Outstanding Individuality
Outstanding Promise

OWNED BY

H. Stillson Hart, Geo. E. Van Hagen, Spencer Otis, Jr.
BARRINGTON, ILL.

HEART'S DELIGHT FARM

"Sir Walker Pontiac"—a son of **"King of the Pontiacs"**
—born June 27th, 1911.
Dam: "Lucinda Walker Pietertje" (by one of the greatest present day sires).
A young bull of royal breeding whose sire has 114 A R. O. daughters.
A Holstein bull with his breeding, and a sure breeder, is a rare opportunity.

W. H. MINER CHAZY NEW YORK

FOUR NEAREST DAMS AVERAGE 33.56 LB.

King Pontiac Rose

A bull calf born March 7, 1914, a very nice, large, thrifty youngster, very straight and long bodied, handsomely marked.

Sire—the $15,000 son of the only 44-lb. cow.

Dam—Queen Rose Paul 117941. She has a 7-day record of 23.25 lb., which is sure to be greatly increased in later tests. Her dam, Highlawn Rose Paul, has a record of 32.41 lb., and is the most economical producer in my herd.

6 direct generations of dams on the bottom of his pedigree average 25.73 lb.

This bull is sure to have a great future.

Address Quentin McAdam, Brothertown Farms, 23 South St., Utica, N. Y.

FOR SALE

SONS OF LORD KORNDYKE SIR JOHANNA, 95958
Our Junior Herd Sire

His dam, Johanna Korndyke, is a 31.65 lb. 4-yr-old daughter of Sir Korndyke Manor De Kol.

Young bulls nearly ready for service. All out of A. R. O. cows.

Two sons of King of the Pontiacs out of high record young cows. Will be ready for service in the Spring.

Two sons of Spring Farm King Pontiac 6th both out of A. R. O. heifers.

Two sons of Sadie Vale Koningen De Kol Master, 73780. He is a 25-lb. son of King Walker. One is from a 27-lb. 3-yr-old; the other from a 17-lb. 2-yr-old.

Two sons from Baron Pontiac Korndyke, 78212. He is a 31-lb. grandson of De Kol 2d Butter Boy 3d and Korndyke Abbekerk. One from a 26-lb. daughter of Peter De Kol Burke Spofford.

These bulls are mostly light in color, fine individuals and all well grown. These will be priced right for immediate sale.

LAWSON HOLDING CO., Inc.

LAGRANGEVILLE **Dutchess Co.** **NEW YORK**

Tidy Abbekerk Prince No. 37770

The **greatest transmitting sire** of the breed! 64 A. R. O. daughters, 5 of them making over 30 lbs. butter in seven days, in less than that many months.

Tidy Abbekerk Princess Gretel,	32.30	Tidy Abbekerk Princess Alche ¾ udder,	30.30
Tidy Abbekerk Princess Jewel,	31.70	Tidy Abbekerk Princess Pauline, 4 yr.]	30.27

Tidy Abbekerk Princess Bettina, 30.13]

His dam, **Tidy Abbekerk** "The Canadian Champion" is one of the best producing and greatest transmitting cows that ever lived who has transmitted her wonderful individuality to all her descendants. Her record of 27.29 was the 5th highest in the world at the time it was made and was the highest Canadian record for many years.

This great record was made under normal, everyday conditions, as the cow was dry but six weeks and was handled by a man who at that time was inexperienced.

Time flies Eventually you will want some of the blood of this great bull. **His daughters are not for sale at any price.**

There are two ways to obtain some of his blood: Engage a bull calf from one of our good cows, or breed a few cows to him.

Service fee **$100.00.**

SEND for PEDIGREE and PHOTOGRAPH

HENRY LATHROP & SONS
Sherburne, N. Y.

STEVENS BROS. COMPANY
Liverpool, N. Y.

New York State Breeders
ATTENTION!

You know that temporarily New York State is quarantined to prevent spread of Foot and Mouth disease, which has been found to exist in the stock yards at Buffalo.

There is none of it within a hundred miles of Lacona, but the quarantine stops our inter-state business just the same.

We must do business.

Now, if you live in New York State and want Holstein cattle, whether bulls for service, bull calves, fresh cows, cows with calf, open or bred heifers, anything, we can give you better value for the money than ever before.

We have a large stock and now is your opportunity.

When you buy Holsteins, get some of the blood of Spring Farm King Pontiac 6th, the World's Best Bred Bull.

A visit to our herd at this time will make money for you.

Let us know what you want.

HENRY STEVENS & SON

Brookside Stock Farm

Lacona, N. Y.

Established by Henry Stevens, 1876

175 Herd